DOCUMENT RESUME

ED 131 754 HE 008 352

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TITLE Changes in Undergraduate Grading Patterns at Indiana University, Bloomington Campus, 1969-1972.
INSTITUTION Indiana Univ., Bollmington, Office of Institutional Research.
PUB DATE May 74
NOTE 144p.
AVAILABLE FROM Office of Institutional Research, Indiana University, Bloomington, Indiana 47401.

EDRS PRICE MF-$0.83 HC-$7.35 Plus Postage.
DESCRIPTORS *Academic Ability; Academic Achievement; *Grades (Scholastic); *Higher Education; *Student Evaluation; *Trend Analysis; Units of Study (Subject Fields)
IDENTIFIERS *Indiana University

ABSTRACT

Three complementary studies comprise the report: (1) Descriptive Grade Distributions, (2) Measured Trends in Grade Distributions, 1969-1972, and (3) Grade Distributions among Academic Subsets. In the first, percent grade distributions are tabulated by subject field, by year, by upper and lower division, and by two categories of course enrollment. The second study undertook to relate the change in average grades to average ability levels (as measured by SAT scores) over four years. The hypothesis that the steady increase in average grades is a primary function of an increase in students' average ability was not supported. In the third study, trends in average grades were examined to determine whether or not they are consistent across department groupings in the College of Arts and Sciences. Upper and lower division courses are considered separately. There was found a general tendency for the percent of A's, I's, and W's to increase, and for C's and D's to decrease. Numerical tables are included with each study. (MSE)

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Changes in Undergraduate Grading Patterns at Indiana University Bloomington Campus, 1969-1972

Indiana University

May, 1974

ED131754

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CHANGES IN UNDERGRADUATE GRADING PATTERNS AT INDIANA UNIVERSITY, BLOOMINGTON CAMPUS, 1969-1972

Office of Institutional Research

INDIANA UNIVERSITY

May, 1974

CHANGES IN UNDERGRADUATE GRADING

PATTERNS AT INDIANA UNIVERSITY,

BLOOMINGTON CAMPUS, 1969-1972

DESCRIPTIVE GRADE DISTRIBUTIONS

by

Richard C. Pugh
Richard M. Holmes

MEASURED TRENDS IN GRADE DISTRIBUTIONS, 1969-1972

by

Richard C. Pugh
Jan C. Perney

GRADE DISTRIBUTIONS AMONG ACADEMIC SUBSETS

by

Richard C. Pugh
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H. Glenn Ludlow, Director
Office of Institutional Research
Bloomington, Indiana
May, 1974

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SUMMARY

OF

CHANGES IN UNDERGRADUATE GRADING PATTERNS AT INDIANA UNIVERSITY, BLOOMINGTON CAMPUS, 1969-1972

This monograph consists of three complementary studies, all of which pertain to grading practices at Indiana University. Although some information and analyses are based on grade distributions in the Bloomington Campus professional schools, the focus is on the College of Arts and Sciences which indicated strong interest in such information. The study covers a four year time period, 1969-1972. Numerous tables display grade information set forth by department, by course level, and by class size.

Because it is only at the departmental level that major factors can be identified that are associated with grading practice changes, most of the interpretation of the shifts reflected in the data is left to these instructional units. Thus, OIR will have met one of the study's central objectives if this publication provokes review and speculation in all of the departments surveyed.

One readily apparent change, however, is an increase in the per cent of A's and W's awarded during the time under review. In conjunction with this, the per cent of C's, D's, and F's has clearly decreased. Moreover, one major finding of this inquiry is that these shifts are not accounted for by changes in average CEEB Scholastic Aptitude Test scores.

Departmental faculty should find it interesting to identify other reasons for the general upward trend in marking. For example, is relaxation of course requirements and a possible ensuing improvement in the match of courses taken with student interest, motivation, and abilities a significant phenomenon? Have faculty standards and criteria for A's simply changed markedly in some study areas?

The following table gives an airplane view of some of the results.

TABLE A. PER CENT UNDERGRADUATE GRADE DISTRIBUTIONS IN SELECTED UNITS FOR INDIANA UNIVERSITY, BLOOMINGTON CAMPUS, 1969-1972.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
*COLLEGE OF ARTS & SCIENCES (Lower Division Courses in Arts & Humanities, Other Than Language Courses)									
1969-70	19,342	17.6	35.6	25.6	4.6	2.8	2.9	8.3	2.6
1970-71	20,266	21.8	36.4	22.2	3.9	1.9	3.0	8.2	2.6
1971-72	20,256	23.6	36.4	18.8	3.2	1.9	4.1	9.7	2.3
1972-73	17,996	25.4	34.5	18.3	3.0	1.3	4.0	11.1	2.5
SCHOOL OF BUSINESS (Lower Division and Upper Division Courses)									
1969-70	10,999	19.8	26.6	29.3	6.9	4.5	1.4	7.9	3.6
1970-71	9,204	21.8	27.7	27.1	6.4	3.9	1.5	7.2	4.3
1971-72	9,192	22.1	32.5	24.6	5.7	3.1	1.7	7.8	2.7
1972-73	9,480	23.5	31.7	22.9	4.6	2.3	2.0	9.8	3.4
SCHOOL OF EDUCATION (Lower Division and Upper Division Courses)									
1969-70	6,069	30.6	31.1	9.4	.6	18.5	4.0	5.2	.6
1970-71	6,019	29.1	21.5	5.4	.3	33.8	4.2	5.2	.6
1971-72	6,365	34.4	18.4	5.9	.4	30.7	4.1	5.7	.4
1972-73	6,007	36.9	18.1	4.3	.3	26.0	8.5	5.6	.4
SCHOOL OF HEALTH, PHYSICAL EDUCATION, AND RECREATION (Lower Division and Upper Division Courses)									
1969-70	9,783	18.3	40.5	21.3	2.1	5.7	5.3	5.4	1.5
1970-71	10,224	20.6	40.5	18.6	1.6	5.4	5.6	6.2	1.5
1971-72	7,599	31.7	31.9	13.5	1.3	3.2	5.0	12.4	1.0
1972-73	8,088	33.7	31.0	11.7	1.4	3.1	5.7	12.4	1.0
SCHOOL OF MUSIC (Lower Division and Upper Division Courses)									
1969-70	7,289	44.9	23.8	12.5	4.1	.6	3.7	7.3	3.1
1970-71	7,665	47.3	23.5	11.4	3.1	.9	4.4	6.8	2.6
1971-72	8,413	48.8	21.8	9.6	2.6	.8	4.9	9.2	2.5
1972-73	7,497	46.3	23.9	9.5	1.9	.7	5.6	10.2	1.9

*Because the complete College of Arts and Sciences grade distribution is unavailable, this particular segment was chosen to illustrate grading trends.

Finally, we repeat a table summarizing by campus the per cent distribution of lower division marks for the four year period, 1969-1972. These data originally appeared in OIR Commentaries, November 26, 1973, and are not shown elsewhere in this monograph.

TABLE B. PER CENT GRADE DISTRIBUTION OF LOWER DIVISION COURSES, FIRST SEMESTER OF EACH ACADEMIC YEAR 1969-1972.

CAMPUS	PER CENT OF GRADE DISTRIBUTION									
YEAR	A	B	C	D	PASS	I	W	F & WF	TOTAL	NUMBER OF GRADES*
BLOOMINGTON										
1969	19.8	30.4	25.5	6.0	3.3	3.0	8.4	3.6	100.0	76,704
1970	21.0	30.1	23.1	5.7	4.4	3.2	8.8	3.7	100.0	79,062
1971	24.3	29.1	20.4	5.1	3.9	3.5	10.7	3.0	100.0	78,999
1972	25.3	28.6	19.1	4.6	3.1	3.8	12.5	3.0	100.0	76,869
INDIANAPOLIS										
1969	13.9	25.9	26.9	8.0	0.3	3.7	12.6	8.7	100.0	9,748
1970	15.1	26.2	28.3	7.5	1.2	2.6	11.5	7.6	100.0	11,579
1971	14.8	23.5	25.8	7.2	3.1	5.5	12.8	7.3	100.0	14,901
1972	15.0	25.5	25.3	7.3	3.6	4.0	12.9	6.4	100.0	25,959
REGIONAL CAMPUSES										
1969	14.5	28.1	30.4	8.9	0.5	1.9	9.0	6.7	100.0	39,617
1970	17.8	29.7	28.8	7.3	0.9	2.1	8.4	5.0	100.0	44,170
1971	18.0	28.1	26.9	7.4	0.8	2.7	10.8	5.3	100.0	58,467
1972	18.7	28.3	24.8	6.4	1.2	3.1	12.9	4.6	100.0	44,604

*The total number of grades for the Bloomington Campus differs slightly from those which might be partially compiled from Table A because of shifts in definitions of samples across the three studies and also because of some editing subsequent to the publication of the OIR Commentaries.

Your comments and suggestions will be welcome.

H. Glenn Ludlow, Director

STUDY ONE

DESCRIPTIVE GRADE DISTRIBUTIONS

Objectives

This study was launched by a request from the Dean of the College of Arts and Sciences, Bloomington Campus. In the spring of 1973 the Office of Institutional Research was requested to supply per cent grade distributions for the departments in the College. These distributions were prepared in a style consistent with that of other Big Ten Universities so that a summary per cent grade distribution could be prepared for the Big Ten Universities. Underlying this request was some evidence, and much speculation, that major shifts in grade distributions had taken place during the late 1960's and early 1970's. The amount of change in the grade distributions was not known but was thought to be substantial in some program areas. Since current grading practices have undergone numerous attacks, it was considered timely to provide a more factual basis for the description of currently used grade distributions.

The chief objective of this study was to provide a basis for the description of grade distributions during recent years. From this basis, important changes in the grade distributions can be detected and used to improve our understanding of current grading practices. Because this study emerged from a request of the Arts and Sciences College Dean, it

will focus largely upon the departments of the College. However, it has been expanded to include other large, easily identifiable units on the Bloomington Campus of Indiana University. Summaries for the professional schools on the Bloomington Campus are reported. Other reasons for this particular focus include limited resources, insufficient data, and lack of consistently defined program areas during this time period.

Procedures

The dimensions of this study were, in part, prescribed by the need to obtain consistent data for the Big Ten institutions. At Indiana University, the procedures were further influenced by the condition of existing data and the limit of available resources.

Time Period. Whereas the original request was for the time period from 1968-69 through 1972-73, the data for 1968-69 at Indiana University were not available. The resultant time period for this study was for the four years, 1969-70 through 1972-73. Further, time and personnel resources dictated the selection of only first semester grades of each academic year. While it is widely known that second semester grades are typically higher than first semester grades, the investigators decided that first semester grades provided a sufficient basis for observing changes in the grade distributions.

Course Level as a Classification Variable. The grade distribution data at Indiana University were more easily and reliably obtainable on a course basis rather than on a student characteristic basis. That is,

the grade distribution for a set of courses can be more reliably determined than the grade distribution for a set of students. More specifically, the grade distribution for freshmen, sophomores, juniors, and seniors would have been collected and reported if the class standing of students could have been accurately determined. Unfortunately, class standing of students was not easily and reliably available for the four year period. Therefore, the level of the course was used as a variable over which grade distributions were calculated.

Further, courses were combined into two levels - lower division and upper division. The lower division courses consisted of all courses which had a course number between 100 and 299, inclusive. The upper division courses consisted of all courses which carried a course number between 300 and 499, inclusive. Although this breakdown was not our first choice in accounting for variations in grade distributions, it did provide an analysis which was easily and reliably determined and one which accounted for a substantial amount of variation in grade distributions.

Course Enrollment as a Classification Variable. Across all courses at Indiana University there exists an almost limitless number of different techniques under which grades are determined by faculty members. Among these various techniques, some commonality was conjectured to exist as a function of grader/student ratio. That is, it is almost certainly the case that if faculty are solely responsible for assigning grades to one hundred or more students in a single course, their technique will be quite different from the technique used by faculty in a

course which has an enrollment of only fifteen students. Once again, a compromise strategy was used to cluster courses into subsets. There really was no process short of an extensive follow-up interview to classify courses into subsets based on grader/student ratios. For this study, courses were subdivided into two categories based on the size of course enrollment. One grouping consisted of all courses with 50 or fewer students enrolled and the second grouping consisted of all courses with more than 60 students enrolled. The first grouping was referred to as "smaller enrollment courses" and the second grouping was referred to as "larger enrollment courses." The use of sixty (60) as a cut-point for the two groupings was essentially arbitrary. It was, however, a point which provided sufficient numbers of grades for the grade distributions to have at least moderate stability in most departments. Initially, small (less than 15), medium, and large enrollment courses were formulated but the low enrollment courses had such a small number of grades in their distributions that the changes across the four year period were marked by random fluctuations.

Departments. In most cases, the courses at Indiana University are offered, taught, and graded within clearly defined departments. However, over this four year period major departmental changes occurred and these changes are reflected in this report. Further, in some cases the schedule of course offerings is more specific than in terms of departments. In such instances the more specific grade distributions were reported. For example, separate grade distributions were prepared for French and Italian.

Grade Distribution. The grade distribution for this study was simply the per cent of grades within a grouping of courses; that is, the per cent

of A's, B's, C's, D's, P's, I's, W's, and F's or WF's. These data were retrieved at least two months following the end of the last semester of the study. Therefore, it was believed that most of the initial errors in the grades had been rectified by the time the data were retrieved. However, it is obvious that the grade of incomplete (I) is not a stable grade by definition and that different periods of time existed for the removal of incompletes for the four years of the study. As a result, the reader should note that the changes across time in the per cent of I's were confounded with the different time periods for the removal of incompletes. Unfortunately, this factor would also be confounded with changes in other grades. Since the tables are prepared on a departmental basis, each department can best determine for itself the degree to which the confounded variable is biasing the changes in the grade distributions. It is our conjecture that in many cases, the effect of the confounding is negligible.

Data Sources

The data were retrieved from the current enrollment files of Data Systems and Services. These files were developed and maintained by Data Systems and Services primarily for the Office of the Registrar. The Office of Institutional Research accessed these files with the support of Data Systems and Services and the cooperation of the Office of the Registrar. Some quality control checks were made on a routine basis as the information was retrieved. Specific courses were randomly selected and their grade distributions were compared manually to the grade reports which are filed in the Office of the Registrar. It is our judgment that

the data were reliable as handled in this study. That is, per cents were used to report the grade distributions; while an occasional erroneous grade may have existed on the file, the per cent would have been affected very little. All grade distributions have been compiled across courses and, as a result, a very substantial number of grades exist for most of the reported per cents.

Results

The results are displayed in the following set of tables. One table was prepared for each College of Arts and Sciences department and, occasionally, by more specific course offerings. A separate table was prepared for each of the professional schools on the Bloomington Campus. The departments within professional schools were not broken out simply because accurate identifiable characters in the course title and course number were not readily available. Finally, in each table per cent grade distributions are reported for each year. The first set of distributions are for all courses; the second and third set of distributions are by course level, and the fourth and fifth set of distributions are by size of course enrollment.

TABLE 1.01. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN AEROSPACE STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	238	27.3	31.9	10.2	2.1	---	---	16.8	1.7
1970-71	195	19.0	34.4	10.8	2.6	1.0	---	29.7	2.6
1971-72	137	38.0	28.5	5.1	1.5	2.9	---	22.6	1.5
1972-73	167	26.3	39.5	9.0	3.6	---	6.6	14.4	.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	182	28.0	25.3	19.8	2.8	---	---	22.0	2.2
1970-71	152	14.5	29.0	11.2	3.3	1.3	---	37.5	3.3
1971-72	98	34.7	24.5	6.1	2.0	1.0	---	29.6	2.0
1972-73	128	23.4	35.9	7.8	4.7	---	8.6	18.8	.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	56	25.0	53.6	21.4	---	---	---	---	---
1970-71	43	34.9	53.5	9.3	---	---	---	2.3	---
1971-72	39	46.2	38.5	2.6	---	7.7	---	5.1	---
1972-73	39	35.9	51.3	12.8	---	---	---	---	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	110	33.6	41.8	16.4	1.8	---	---	5.5	.9
1970-71	72	33.3	50.0	8.3	---	2.8	---	5.6	---
1971-72	63	42.9	38.1	6.3	---	4.8	---	7.9	---
1972-73	73	32.9	37.0	9.6	1.4	---	9.6	9.6	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	128	21.9	23.4	23.4	2.3	---	---	26.6	2.3
1970-71	123	10.6	25.2	12.2	4.1	---	---	43.9	4.1
1971-72	74	33.8	20.3	4.1	2.7	1.4	---	35.1	2.7
1972-73	94	21.3	41.5	8.5	5.3	---	4.3	18.1	1.1

TABLE 1.02. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN AFRICAN STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	25	20.0	28.0	8.0	---	8.0	---	28.0	8.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	25	20.0	28.0	8.0	---	8.0	---	28.0	8.0
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	25	20.0	28.0	8.0	---	8.0	---	28.0	8.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.03. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN AFRO-AMERICAN STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	0								
1970-71	97	9.3	26.8	14.4	3.1	2.1	23.7	19.6	1.0
1971-72	454	39.9	25.1	4.2	.9	1.1	19.2	9.5	.2
1972-73	563	29.0	27.0	18.5	3.4	1.6	4.6	12.8	3.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	113	57.5	20.4	5.3	---	---	8.0	8.0	.9
1972-73	234	31.6	34.6	22.7	3.0	---	1.7	3.9	2.6
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	0								
1970-71	97	9.3	26.8	14.4	3.1	2.1	23.7	19.6	1.0
1971-72	341	34.0	26.7	3.8	1.2	1.5	22.9	10.0	---
1972-73	329	27.1	21.6	15.5	3.7	2.7	6.7	19.2	3.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	0								
1970-71	97	9.3	26.8	14.4	3.1	2.1	23.7	19.6	1.0
1971-72	186	30.6	23.1	8.1	1.1	1.6	19.4	15.6	.5
1972-73	291	31.3	27.1	12.4	2.1	---	6.9	17.5	2.7
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	268	46.3	26.5	1.5	.7	.7	19.0	5.2	---
1972-73	272	26.5	26.8	25.0	4.8	3.3	2.2	7.7	3.7

TABLE 1.04. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ALLIED HEALTH.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	202	91.6	2.5	1.0	---	---	---	4.0	1.0
1970-71	202	80.7	8.9	2.0	---	---	---	8.4	---
1971-72	197	79.2	---	---	---	---	---	20.8	---
1972-73	205	83.9	5.9	1.5	.5	---	---	8.3	---
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	202	91.6	2.5	1.0	---	---	---	4.0	1.0
1970-71	202	80.7	8.9	2.0	---	---	---	8.4	---
1971-72	197	79.2	---	---	---	---	---	20.8	---
1972-73	205	83.9	5.9	1.5	.5	---	---	8.3	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
LARGER ENROLLMENT COURSES (>60)									
1969-70	202	91.6	2.5	1.0	---	---	---	4.0	1.0
1970-71	202	80.7	8.9	2.0	---	---	---	8.4	---
1971-72	197	79.2	---	---	---	---	---	20.8	---
1972-73	205	83.9	5.9	1.5	.5	---	---	8.3	---

TABLE 1.05. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ANATOMY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	512	17.8	32.0	20.3	5.3	.4	8.4	11.9	3.9
1970-71	133	51.9	28.6	7.5	1.5	---	3.8	6.8	---
1971-72	455	15.4	32.3	39.1	4.0	.4	3.1	4.8	.9
1972-73	439	25.5	36.0	24.8	6.0	.7	1.6	3.2	1.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	424	17.9	27.6	20.5	5.9	.5	10.1	13.4	4.0
1970-71	0	---	---	---	---	---	---	---	---
1971-72	339	7.7	28.6	49.6	5.3	.6	1.8	5.3	1.2
1972-73	335	18.2	33.1	32.2	8.4	.9	1.8	3.6	1.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	88	17.1	53.4	19.3	2.3	---	---	4.6	3.4
1970-71	133	51.9	28.6	7.5	1.5	---	3.8	6.8	---
1971-72	116	37.9	43.1	8.6	---	---	6.9	3.5	---
1972-73	104	49.0	45.2	1.0	1.0	---	1.0	1.9	1.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	88	17.1	53.4	19.3	2.3	---	---	4.6	3.4
1970-71	58	50.0	20.7	6.9	3.4	---	6.9	12.1	---
1971-72	55	18.2	54.5	14.5	---	---	9.1	3.6	---
1972-73	31	9.7	74.2	---	3.2	---	3.2	6.5	3.2
LARGER ENROLLMENT COURSES (>60)									
1969-70	424	17.9	27.6	20.5	5.9	.5	10.1	13.4	4.0
1970-71	75	53.3	34.7	8.0	---	---	1.3	2.7	---
1971-72	400	15.0	29.2	42.5	4.5	.1	2.2	5.0	1.0
1972-73	408	26.7	33.1	26.7	6.9	.1	1.5	2.9	1.5

TABLE 1.06. PER CENT GRADE DISTRIBUTION FOR COURSES IN ANTHROPOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,649	20.0	28.1	28.6	5.0	1.9	5.0	8.3	3.2
1970-71	1,974	21.4	23.7	29.3	6.7	1.9	3.9	10.6	2.5
1971-72	1,888	22.5	28.8	21.8	6.3	1.8	5.6	10.4	2.9
1972-73	2,102	21.9	29.5	24.2	4.1	2.0	4.3	11.6	2.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	807	11.5	30.0	38.2	6.8	.6	2.0	6.2	4.7
1970-71	807	24.2	23.5	35.1	8.4	.5	.7	5.5	2.1
1971-72	801	23.5	30.8	23.4	8.6	.8	2.5	7.1	3.4
1972-73	955	21.3	31.7	26.6	5.8	1.2	1.4	8.7	3.5
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	842	28.2	26.4	19.4	3.2	3.2	7.8	10.2	1.7
1970-71	1,167	19.5	23.7	25.3	5.6	2.9	6.1	14.1	2.8
1971-72	1,087	21.7	27.3	20.6	4.6	2.5	7.9	12.9	2.5
1972-73	1,147	22.4	27.7	22.2	2.7	2.6	6.7	13.9	1.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	295	34.9	24.4	13.2	2.4	3.4	8.5	11.2	2.0
1970-71	401	31.9	20.4	12.2	2.7	1.2	9.7	19.2	2.5
1971-72	532	29.7	24.4	10.9	2.8	1.3	11.7	16.7	2.4
1972-73	435	26.4	26.9	11.7	1.6	1.8	10.8	19.8	.9
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,354	16.8	29.0	31.9	5.5	1.6	4.2	7.6	3.4
1970-71	1,573	18.7	24.5	33.6	7.8	2.1	2.4	8.4	2.5
1971-72	1,356	19.6	30.5	26.0	7.7	1.9	3.2	8.0	3.0
1972-73	1,667	20.7	30.2	27.5	4.7	2.0	2.6	9.4	2.9

TABLE 1.07. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ASTRONOMY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	823	21.6	22.1	31.2	4.5	2.2	7.7	6.7	4.0
1970-71	950	21.9	27.2	29.7	2.4	2.4	5.7	7.5	3.3
1971-72	892	11.1	26.8	33.6	3.6	3.4	10.3	8.0	3.2
1972-73	875	13.3	17.7	32.9	3.9	3.1	7.2	18.6	3.3
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	775	21.2	20.8	32.8	4.4	2.3	7.5	7.1	4.0
1970-71	894	22.3	26.5	30.8	2.5	2.6	5.8	6.6	3.0
1971-72	817	11.0	27.0	34.0	3.4	3.2	10.6	7.9	3.2
1972-73	820	12.0	17.1	33.7	4.2	3.3	7.2	19.2	3.5
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	48	29.2	43.8	6.3	6.3	---	10.4	---	4.2
1970-71	56	16.1	37.5	12.5	1.8	---	3.6	21.4	7.1
1971-72	35	14.3	22.9	28.6	8.6	8.6	2.9	8.6	5.7
1972-73	55	32.7	27.3	21.8	---	---	7.3	10.9	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	93	23.7	36.6	11.8	6.5	2.2	6.5	8.6	4.3
1970-71	106	16.0	32.1	15.1	3.8	.9	4.7	21.7	5.7
1971-72	72	13.9	25.0	19.4	12.5	4.2	1.4	16.7	6.9
1972-73	143	22.4	28.7	21.0	3.5	2.1	4.9	16.8	.7
LARGER ENROLLMENT COURSES (>60)									
1969-70	730	21.4	20.3	33.7	4.2	2.2	7.8	6.4	4.0
1970-71	844	22.6	26.5	31.5	2.3	2.6	5.8	5.7	3.0
1971-72	820	10.9	27.0	34.9	2.8	3.3	11.1	7.2	2.9
1972-73	732	11.5	15.6	35.2	4.0	3.3	7.7	19.0	3.8

TABLE 1.08. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN BIOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	736	18.3	20.8	38.0	8.2	1.5	1.9	8.6	2.7
1970-71	1,350	23.5	27.3	27.2	4.2	1.0	6.4	7.1	3.3
1971-72	1,828	27.0	28.9	19.0	7.4	1.8	5.1	8.0	2.8
1972-73	2,731	21.9	31.5	23.0	5.7	1.3	3.0	10.8	2.8
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	660	14.4	19.9	42.4	9.1	1.7	1.8	7.7	3.0
1970-71	709	15.0	29.9	38.8	4.8	.4	.9	5.2	5.1
1971-72	771	27.1	33.9	19.8	7.5	1.4	2.5	5.2	2.6
1972-73	950	13.6	43.7	24.5	4.8	1.4	1.1	8.3	2.6
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	76	52.6	29.0	---	---	---	2.6	15.8	---
1970-71	641	32.9	24.5	14.4	3.6	1.7	12.5	9.2	1.3
1971-72	1,057	27.0	25.3	18.4	7.3	2.0	7.1	10.1	2.9
1972-73	1,781	26.3	24.9	22.1	6.2	1.2	4.1	12.2	2.9
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	144	48.6	26.4	3.5	---	---	9.0	12.5	---
1970-71	159	35.2	18.9	13.8	2.5	1.3	8.8	16.4	3.1
1971-72	149	29.5	30.9	12.8	4.7	.7	3.4	15.4	2.7
1972-73	112	25.9	26.8	17.0	5.4	---	6.3	15.2	3.6
LARGER ENROLLMENT COURSES (>60)									
1969-70	592	11.0	19.4	46.5	10.1	1.9	.2	7.6	3.4
1970-71	1,191	21.9	28.5	29.0	4.5	1.0	6.0	5.9	3.3
1971-72	1,679	26.8	28.7	19.5	7.6	1.8	5.3	7.4	2.8
1972-73	2,619	21.7	31.7	23.2	5.7	1.3	2.9	10.7	2.8

TABLE 1.09. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN CHEMISTRY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	2,998	16.6	28.9	31.1	7.3	1.1	2.6	8.1	4.4
1970-71	3,218	22.3	32.1	24.9	5.9	.8	2.4	8.0	3.7
1971-72	3,331	20.6	29.7	24.4	7.3	.6	2.7	10.8	4.0
1972-73	3,990	17.4	28.8	25.2	7.7	.3	3.4	13.8	3.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,844	15.2	29.5	31.1	9.4	.5	2.4	7.3	4.7
1970-71	2,127	23.0	33.2	24.5	6.5	.9	1.4	7.3	3.4
1971-72	2,282	22.1	30.2	22.5	8.1	.7	2.1	9.4	5.1
1972-73	2,695	16.4	28.5	26.1	9.5	.4	2.5	11.8	4.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,154	18.9	28.0	31.0	4.1	1.9	3.0	9.3	3.9
1970-71	1,091	21.1	29.8	25.7	5.1	.6	4.3	9.2	4.3
1971-72	1,049	17.3	28.7	28.5	5.7	.4	4.1	13.7	1.6
1972-73	1,295	19.5	29.5	23.6	3.9	.1	5.1	18.0	.4
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	518	27.2	30.9	13.9	3.1	4.1	4.6	12.2	4.1
1970-71	324	30.9	25.6	16.7	2.8	1.5	9.6	10.8	2.2
1971-72	421	26.4	30.6	14.3	3.6	.2	4.8	18.3	1.9
1972-73	365	30.1	21.9	16.4	2.2	---	7.9	20.8	.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	2,480	14.4	28.5	34.6	8.2	.4	2.2	7.2	4.4
1970-71	2,894	21.4	32.8	25.8	6.2	.7	1.6	7.6	3.9
1971-72	2,910	19.7	29.6	25.9	7.9	.6	2.4	9.7	4.3
1972-73	3,625	16.1	29.5	26.2	8.3	.3	2.9	13.1	3.6

TABLE 1.10. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN CLASSICAL STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	539	21.5	28.6	23.0	4.2	4.9	3.1	10.6	4.2
1970-71	788	21.1	31.5	23.1	5.0	4.4	2.0	9.6	3.3
1971-72	1,234	20.0	40.0	14.2	2.3	4.9	4.0	11.6	2.1
1972-73	1,172	22.1	32.7	14.3	3.2	3.7	3.8	16.8	2.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	477	21.8	31.5	22.0	3.6	4.8	3.1	10.1	3.1
1970-71	776	20.9	31.3	23.2	5.0	4.5	2.1	9.7	3.4
1971-72	1,149	18.5	41.0	15.8	2.4	5.1	3.8	11.1	2.2
1972-73	1,099	22.4	33.9	14.7	3.1	3.7	3.3	16.6	2.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	72	19.4	9.7	29.2	8.3	5.6	2.8	13.9	11.1
1970-71	12	33.3	41.7	16.7	---	---	---	8.3	---
1971-72	85	40.0	27.1	5.9	1.2	1.2	5.9	17.7	1.2
1972-73	73	17.8	15.1	23.3	5.5	2.7	12.3	20.6	2.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	7	85.7	14.3	---	---	---	---	---	---
1970-71	12	33.3	41.7	16.7	---	---	---	8.3	---
1971-72	127	27.6	29.9	17.3	3.9	.8	5.5	14.2	.8
1972-73	128	15.6	28.1	19.5	3.1	1.6	8.6	21.9	1.6
LARGER ENROLLMENT COURSES (>60)									
1969-70	542	20.7	28.8	23.2	4.2	5.0	3.1	10.7	4.2
1970-71	776	20.9	31.3	23.2	5.0	4.5	2.1	9.7	3.4
1971-72	1,107	19.2	41.2	14.9	2.1	5.3	3.8	11.3	2.3
1972-73	1,044	22.9	33.2	14.8	3.3	3.9	3.3	16.2	2.5

TABLE 1.11. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN COLLEGE OF ARTS AND SCIENCES (COAS).

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	199	39.2	21.1	5.0	.5	13.1	3.5	17.1	.5
1970-71	1,262	33.0	15.5	6.1	1.4	17.7	8.3	13.2	4.9
1971-72	1,179	24.4	13.0	6.1	.9	33.6	9.6	10.9	1.4
1972-73	1,539	20.5	10.6	5.3	1.2	37.6	10.3	12.0	2.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	108	46.3	19.4	3.7	---	10.2	1.9	17.6	.9
1970-71	719	22.8	20.3	9.5	2.5	13.1	9.9	13.6	8.3
1971-72	715	17.3	12.9	9.5	1.5	33.3	10.2	13.0	2.2
1972-73	1,291	16.7	10.9	6.3	1.5	41.0	8.4	12.3	2.9
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	91	30.8	23.1	6.6	1.1	16.5	5.5	16.5	---
1970-71	543	46.4	9.0	1.7	---	23.8	6.3	12.5	.4
1971-72	464	35.3	13.2	.9	---	34.0	8.6	7.8	.2
1972-73	248	39.9	8.9	.4	---	20.2	19.8	10.1	.8
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	29	20.7	24.1	6.9	---	34.5	3.4	10.3	---
1970-71	527	50.3	7.4	3.0	1.3	16.7	5.9	12.0	3.4
1971-72	586	36.0	16.9	6.5	.9	16.6	10.2	11.8	1.2
1972-73	719	37.2	10.2	5.3	1.0	21.0	12.3	12.3	.8
LARGER ENROLLMENT COURSES (>60)									
1969-70	170	42.4	20.6	4.7	.6	9.4	3.5	18.2	.6
1970-71	735	20.6	21.3	8.3	1.5	18.3	10.1	14.0	6.0
1971-72	593	13.0	9.1	5.7	1.0	50.4	8.9	10.1	1.7
1972-73	821	5.8	11.0	5.4	1.5	52.1	8.5	11.7	4.0

TABLE 1.12. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN COMPARATIVE LITERATURE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,016	23.2	28.3	11.1	2.0	5.1	14.2	15.0	1.2
1970-71	1,104	28.4	29.8	8.4	1.2	7.2	11.7	12.7	.7
1971-72	1,291	25.2	25.0	10.5	1.7	3.9	16.9	14.9	2.0
1972-73	1,139	24.2	27.8	12.0	2.8	2.6	12.4	15.3	2.8
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	613	20.9	32.8	16.2	3.3	5.1	7.5	13.1	1.3
1970-71	737	28.9	32.0	9.2	1.5	7.3	7.7	12.6	.7
1971-72	877	25.0	27.3	12.2	1.7	2.4	13.3	15.5	2.6
1972-73	721	21.5	30.0	16.6	4.4	1.4	7.8	14.8	3.5
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	403	26.8	21.3	3.5	---	5.2	24.3	17.9	1.0
1970-71	367	27.3	25.3	6.8	.5	6.8	19.6	12.8	.8
1971-72	414	25.6	20.3	6.8	1.7	7.0	24.4	13.5	.7
1972-73	418	29.0	24.2	4.1	---	4.8	20.3	16.0	1.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	329	23.4	24.0	3.0	.3	3.0	24.6	20.1	1.5
1970-71	240	31.3	19.6	5.0	.8	4.2	24.2	13.8	1.3
1971-72	279	34.8	18.6	7.2	1.8	3.2	17.6	16.1	.7
1972-73	339	32.7	24.5	7.1	.9	2.1	16.5	14.2	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	687	23.2	30.3	15.0	2.8	6.1	9.0	12.5	1.0
1970-71	864	27.5	32.6	9.4	1.3	8.0	8.2	12.4	.6
1971-72	1,012	22.5	26.8	11.4	1.7	4.1	16.7	14.5	2.4
1972-73	800	20.6	29.2	14.1	3.6	2.9	10.6	15.7	3.1

TABLE 1.13. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN COMPUTER SCIENCE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	625	22.2	22.4	12.6	2.9	2.2	7.4	27.0	3.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	447	21.3	19.2	12.8	3.1	3.1	7.4	29.3	3.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	178	24.7	30.3	12.4	2.3	---	7.3	21.4	1.7
SMALLER ENROLLMENT COURSES ($\leq$60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	194	25.3	30.4	12.9	2.1	---	7.2	20.6	1.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	431	20.9	18.8	12.5	3.2	3.2	7.4	29.9	3.9

TABLE 1.14. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN EAST ASIAN LANGUAGES AND LITERATURE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	152	45.4	22.4	5.3	1.3	.7	9.2	14.5	1.3
1970-71	171	47.4	21.1	6.4	1.8	2.9	4.7	12.9	2.9
1971-72	172	51.2	15.1	8.1	2.9	2.3	3.5	14.5	2.3
1972-73	221	51.1	24.4	4.5	.9	1.8	5.4	11.8	---
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	71	39.4	21.1	7.0	2.8	1.4	11.3	14.1	2.8
1970-71	100	50.0	18.0	8.0	3.0	4.0	4.0	10.0	3.0
1971-72	100	43.0	14.0	11.0	5.0	4.0	2.0	19.0	2.0
1972-73	130	53.1	19.2	3.1	1.5	2.3	7.7	13.1	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	81	50.6	23.5	3.7	---	---	7.4	14.8	---
1970-71	71	43.7	25.4	4.2	---	1.4	5.6	16.9	2.8
1971-72	72	62.5	16.7	4.2	---	---	5.6	8.3	2.8
1972-73	91	48.4	31.9	6.6	---	1.1	2.2	9.9	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	152	45.4	22.4	5.3	1.3	.7	9.2	14.5	1.3
1970-71	171	47.4	21.1	6.4	1.8	2.9	4.7	12.9	2.9
1971-72	172	51.2	15.1	8.1	2.9	2.3	3.5	14.5	2.3
1972-73	221	51.1	24.4	4.5	.9	1.8	5.4	11.8	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.15. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ECONOMICS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	3,834	12.8	27.1	33.1	10.9	2.2	2.5	7.6	3.9
1970-71	3,664	13.0	25.2	32.7	10.5	1.7	2.9	9.6	4.5
1971-72	3,185	15.5	25.5	28.5	10.6	1.9	2.1	12.2	3.8
1972-73	3,004	16.1	26.5	27.8	9.1	2.0	3.3	12.3	3.1
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,818	11.6	22.3	32.7	14.7	2.4	2.6	8.9	4.8
1970-71	1,770	9.7	24.4	35.1	12.8	1.8	1.8	8.7	5.6
1971-72	1,847	15.4	25.8	30.5	11.3	2.3	.9	9.9	4.0
1972-73	1,829	15.0	26.9	30.2	10.6	1.9	2.0	9.8	3.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	2,016	13.9	31.4	33.5	7.4	2.0	.4	6.4	3.1
1970-71	1,894	16.0	25.9	30.5	8.3	1.5	4.0	10.4	3.4
1971-72	1,338	15.6	25.2	25.7	9.5	1.4	3.8	15.3	3.5
1972-73	1,175	17.8	25.8	24.0	6.7	2.1	5.5	16.1	2.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	270	23.7	35.6	19.3	2.6	3.0	3.7	10.7	1.5
1970-71	283	23.7	30.7	14.1	4.9	2.5	7.8	14.5	1.8
1971-72	417	21.8	29.0	20.1	4.6	3.8	3.1	16.5	1.0
1972-73	414	24.2	31.9	13.5	2.2	2.4	6.5	18.6	.7
LARGER ENROLLMENT COURSES (>60)									
1969-70	3,564	12.0	26.4	34.2	11.5	2.1	2.4	7.3	4.1
1970-71	3,381	12.1	24.7	34.3	11.0	1.6	2.5	9.2	4.7
1971-72	2,768	14.5	25.0	29.8	11.5	1.6	2.0	11.4	4.2
1972-73	2,590	14.8	25.6	30.1	10.2	1.9	2.8	11.2	3.4

TABLE 1.16. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ENGLISH.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	9,469	20.1	35.8	23.7	4.2	3.2	3.2	7.4	2.4
1970-71	8,552	22.5	39.0	21.3	2.7	1.0	2.8	8.3	2.4
1971-72	7,556	23.4	38.4	19.8	2.9	1.1	3.5	8.6	2.3
1972-73	6,986	25.5	37.0	18.9	2.5	.7	3.9	9.1	2.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	7,195	19.8	37.1	23.9	3.9	3.5	2.7	7.0	2.1
1970-71	6,330	22.4	40.2	23.0	2.6	.6	2.1	6.8	2.3
1971-72	5,690	22.1	40.3	21.2	3.2	.9	2.6	7.3	2.4
1972-73	5,209	23.8	38.7	21.2	2.7	.5	3.0	7.6	2.6
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	2,274	21.2	31.6	23.1	5.0	2.2	5.0	8.7	3.2
1970-71	2,222	22.8	35.6	16.7	2.8	2.0	.9	12.5	2.9
1971-72	1,866	27.3	32.7	15.7	2.1	1.9	6.0	12.4	2.0
1972-73	1,688	30.8	31.8	11.6	1.8	1.3	6.8	13.9	2.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	822	28.5	27.7	12.3	2.1	2.8	8.2	14.8	3.6
1970-71	669	25.7	30.3	14.5	.7	3.0	5.4	18.4	1.9
1971-72	752	33.1	22.2	10.5	1.9	1.9	9.0	17.6	3.9
1972-73	813	29.5	27.4	10.6	1.4	1.4	8.4	18.5	3.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	8,647	19.3	36.6	24.8	4.4	3.2	2.8	6.7	2.2
1970-71	7,883	22.3	39.7	21.9	2.8	.8	2.6	7.4	2.5
1971-72	6,804	22.3	40.2	20.8	3.0	1.0	2.8	7.6	2.2
1972-73	6,173	24.9	38.3	19.9	2.6	.6	3.3	7.9	2.4

TABLE 1.17. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN FINE ARTS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	2,195	23.4	37.2	18.9	2.4	1.5	4.2	9.8	2.6
1970-71	2,287	26.5	34.1	19.6	2.8	1.1	5.6	7.7	2.7
1971-72	2,721	26.7	33.8	16.4	2.2	1.4	5.2	11.5	2.8
1972-73	2,656	28.0	33.6	16.2	2.9	1.1	5.3	10.5	2.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,340	20.2	37.6	20.9	3.1	2.2	3.1	10.2	2.6
1970-71	1,505	23.9	36.5	21.7	3.2	1.0	3.3	7.3	3.2
1971-72	1,938	25.2	35.0	16.5	2.5	1.9	3.2	12.3	3.4
1972-73	1,740	25.0	33.9	18.1	3.7	1.6	3.2	11.6	2.9
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	855	28.5	36.6	15.8	1.3	.4	5.7	9.2	2.5
1970-71	782	31.5	29.4	15.4	2.1	1.4	10.0	8.6	1.8
1971-72	783	30.5	30.8	16.4	1.3	.4	10.0	9.6	1.2
1972-73	916	33.6	33.0	12.6	1.3	.3	9.3	8.4	1.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	689	28.9	36.6	15.4	1.2	---	5.1	10.7	2.0
1970-71	1,013	29.6	33.1	16.1	1.4	1.0	7.8	9.0	2.1
1971-72	943	27.1	34.1	17.1	1.6	.4	8.9	9.3	1.4
1972-73	1,155	31.7	29.6	14.9	2.2	.6	7.4	11.5	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,506	20.9	37.5	20.5	3.0	2.2	3.7	9.4	2.8
1970-71	1,274	23.9	34.9	22.3	3.9	1.3	3.6	6.8	3.2
1971-72	1,778	26.5	33.7	16.1	2.5	2.0	3.1	12.7	3.5
1972-73	1,501	25.1	36.7	17.2	3.5	1.5	3.6	9.7	2.7

TABLE 1.18. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN FOLKLORE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	520	21.5	24.8	18.7	4.6	5.6	7.3	14.2	3.3
1970-71	1,145	48.1	18.8	11.6	2.1	2.8	5.3	10.0	1.2
1971-72	1,553	46.6	22.0	5.0	.4	1.6	13.4	9.1	1.9
1972-73	1,578	37.6	18.6	9.6	2.2	1.7	12.1	15.5	2.7
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	368	21.5	24.5	21.2	5.7	6.0	3.5	13.0	4.6
1970-71	841	50.7	18.2	13.2	2.7	2.0	4.0	7.6	1.6
1971-72	1,331	47.6	21.3	5.4	.4	1.5	14.1	7.6	2.2
1972-73	1,223	35.3	19.0	10.2	2.6	2.0	12.8	15.0	3.0
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	152	21.7	25.7	12.5	2.0	4.6	16.5	17.1	---
1970-71	304	41.1	20.4	7.2	.3	4.9	8.9	16.8	.3
1971-72	222	41.0	26.1	2.7	.5	1.8	9.5	18.5	---
1972-73	355	45.4	17.5	7.6	.6	.6	9.6	17.2	1.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	120	50.8	12.5	.8	---	3.3	15.8	15.8	.8
1970-71	176	34.1	17.0	5.7	---	4.0	11.4	27.3	.6
1971-72	222	41.0	26.1	2.7	.5	1.8	9.5	18.5	---
1972-73	187	42.8	14.4	3.2	1.1	---	14.4	23.5	.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	400	12.7	28.5	24.0	6.0	6.3	4.7	13.8	4.0
1970-71	969	50.7	19.1	12.7	2.5	2.6	4.2	6.9	1.3
1971-72	1,331	47.6	21.3	5.4	.4	1.5	14.0	7.6	2.2
1972-73	1,391	36.9	19.2	10.5	2.3	1.9	11.8	14.5	3.0

TABLE 1.19. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN FORENSIC STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70*	665	20.3	32.5	24.4	4.8	3.5	3.3	9.2	2.1
1970-71	569	22.7	34.8	21.3	2.1	3.0	2.6	11.6	1.9
1971-72	656	17.5	28.7	27.6	7.0	2.7	3.5	9.6	3.4
1972-73	948	14.8	26.8	30.1	5.0	2.9	4.8	10.9	5.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70*	434	21.9	34.1	26.0	5.1	2.3	1.4	6.9	2.3
1970-71	367	18.5	33.2	26.4	3.3	3.3	1.6	10.6	3.0
1971-72	421	20.4	27.6	28.5	6.2	1.9	4.5	7.8	3.1
1972-73	608	13.5	25.3	30.8	6.3	2.3	4.3	11.2	6.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70*	231	17.3	29.4	21.2	4.3	5.6	6.9	13.4	1.7
1970-71	202	30.2	37.6	11.9	---	2.5	4.5	13.4	---
1971-72	235	12.3	30.6	26.0	8.5	4.3	1.7	12.8	3.8
1972-73	340	17.1	29.4	28.8	2.7	3.8	5.6	10.3	2.4
SMALLER ENROLLMENT COURSES (≤60)									
1969-70*	167	21.0	28.7	16.8	.6	6.6	9.6	14.4	2.4
1970-71	137	31.4	32.8	14.6	---	---	5.1	16.1	---
1971-72	249	16.1	23.3	25.3	9.6	4.0	2.4	15.7	3.6
1972-73	183	16.4	29.0	18.0	3.3	7.1	10.4	14.2	1.6
LARGER ENROLLMENT COURSES (>60)									
1969-70*	498	20.1	33.7	26.9	6.2	2.4	1.2	7.4	2.0
1970-71	432	19.9	35.4	23.4	2.8	3.9	1.9	10.2	2.5
1971-72	407	18.3	32.1	29.1	5.4	2.0	4.2	5.7	3.2
1972-73	765	14.3	26.3	33.0	5.4	1.8	3.3	10.1	5.8

* In 1969-70, Forensic Studies was Police Administration.

TABLE 1.20. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN FRENCH.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	3,211	20.5	27.1	18.2	6.7	5.3	1.7	13.8	6.8
1970-71	2,938	22.3	29.2	15.6	5.7	7.3	1.8	13.2	4.9
1971-72	2,883	24.7	28.4	14.4	4.2	7.2	2.1	16.3	2.8
1972-73	2,363	27.4	29.3	15.7	4.2	.7	3.6	17.2	2.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	2,043	15.5	23.5	20.2	8.7	7.5	1.4	13.9	9.5
1970-71	1,785	17.0	25.9	16.6	7.0	11.2	1.5	14.3	6.6
1971-72	1,802	22.9	26.4	14.9	5.0	10.5	1.7	15.2	3.4
1972-73	1,527	22.7	29.7	17.3	5.2	.6	4.4	17.9	2.3
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,168	29.2	33.5	14.6	3.2	1.5	2.3	13.6	2.1
1970-71	1,153	30.4	34.4	14.1	3.8	1.2	2.3	11.5	2.3
1971-72	1,081	27.7	31.7	13.6	3.0	1.5	2.7	18.0	1.9
1972-73	836	36.0	28.7	12.7	2.3	.8	2.3	15.9	1.3
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	438	29.2	33.6	15.8	2.3	.5	3.0	13.2	2.5
1970-71	548	28.3	29.7	16.6	5.1	.7	4.4	12.6	2.6
1971-72	541	25.3	32.2	11.5	3.9	.9	3.0	21.1	2.2
1972-73	543	37.9	26.9	13.8	2.4	.4	2.8	14.4	1.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	2,773	19.1	26.1	18.5	7.4	6.1	1.5	13.9	7.5
1970-71	2,390	20.9	29.1	15.4	5.9	8.8	1.3	13.3	5.4
1971-72	2,342	24.5	27.5	15.1	4.3	8.6	1.9	15.1	3.0
1972-73	1,820	24.3	30.1	16.2	4.7	.8	3.9	18.0	2.1

TABLE 1.21. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN GEOGRAPHY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,688	13.8	25.6	36.9	7.8	4.2	2.3	7.3	2.2
1970-71	1,979	14.2	25.6	34.1	10.9	2.9	1.7	6.6	4.1
1971-72	1,741	15.5	29.8	28.4	7.2	1.8	2.0	11.2	4.1
1972-73	1,721	16.2	31.3	25.8	7.7	1.5	3.4	10.8	3.3
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,196	11.0	21.5	43.1	10.1	1.8	1.6	8.1	2.8
1970-71	1,411	12.5	24.5	35.8	12.6	1.7	1.4	6.4	5.1
1971-72	1,358	14.0	30.4	29.2	6.8	1.5	1.8	11.6	4.7
1972-73	1,308	14.8	31.6	27.8	9.0	.8	2.1	10.0	4.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	492	20.7	35.6	22.0	2.2	9.8	3.9	5.3	.6
1970-71	568	18.5	28.2	29.8	6.7	5.8	2.5	7.0	1.6
1971-72	383	20.9	27.4	25.6	8.9	3.1	2.4	9.9	1.8
1972-73	413	20.8	30.5	19.4	3.6	3.9	7.5	13.3	1.0
SMALLER ENROLLMENT COURSES ($\leq$60)									
1969-70	170	25.3	28.8	17.1	5.9	2.9	7.1	12.4	.6
1970-71	138	25.4	25.4	21.7	5.1	3.6	3.6	14.5	.7
1971-72	183	25.7	28.4	21.3	2.2	2.2	4.4	15.3	.5
1972-73	325	24.0	28.0	19.4	1.5	3.4	8.8	12.6	2.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,518	12.5	25.2	39.1	8.0	4.3	1.7	6.7	2.4
1970-71	1,841	13.4	25.6	35.0	11.4	2.8	1.6	6.0	4.3
1971-72	1,558	14.3	29.9	29.3	7.8	1.8	1.7	10.7	4.5
1972-73	1,396	14.4	32.1	27.3	9.2	1.1	2.1	10.3	3.5

TABLE 1.22. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN GEOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,398	21.0	25.3	33.0	8.0	1.4	2.0	5.3	4.2
1970-71	1,644	16.4	26.3	34.9	6.1	1.3	2.9	7.4	4.7
1971-72	1,887	16.0	27.9	27.9	8.7	1.3	3.4	9.1	5.7
1972-73	1,650	16.5	30.9	28.9	6.6	1.0	2.7	9.4	4.1
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,221	20.8	25.6	34.0	8.3	1.5	.8	5.1	4.0
1970-71	1,398	15.2	26.3	37.3	5.8	1.3	2.7	6.5	4.9
1971-72	1,684	15.1	27.1	29.5	9.0	1.2	3.2	9.0	6.1
1972-73	1,402	14.8	31.5	29.8	7.2	1.0	2.6	9.1	4.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	177	22.0	23.2	26.0	6.2	.6	10.2	6.8	5.1
1970-71	246	22.8	26.4	21.1	8.1	1.2	4.5	12.2	3.7
1971-72	203	22.7	35.0	14.8	6.4	2.5	5.4	10.3	3.0
1972-73	248	26.2	27.4	23.8	3.2	1.2	3.2	10.9	4.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	215	20.0	24.2	29.3	5.6	.5	8.8	7.0	4.7
1970-71	243	22.2	26.7	21.4	8.2	1.2	4.1	12.3	3.7
1971-72	200	23.0	35.5	15.0	6.5	2.5	4.0	10.5	3.0
1972-73	247	26.3	27.5	23.9	3.2	1.2	2.8	10.9	4.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,183	20.9	25.5	33.7	8.5	1.5	.8	5.0	4.1
1970-71	1,401	15.2	26.3	37.3	5.8	1.3	2.6	6.5	4.9
1971-72	1,687	15.1	27.1	29.5	9.0	1.2	3.1	9.0	6.1
1972-73	1,403	14.8	31.5	29.8	7.2	1.0	2.6	9.1	4.1

TABLE 1.23. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN GERMANIC LANGUAGES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,826	29.6	26.8	14.0	3.9	7.7	2.0	11.5	4.6
1970-71	1,965	26.3	27.3	13.0	4.9	7.0	1.6	13.7	6.2
1971-72	1,739	25.0	22.7	13.1	3.9	8.8	2.9	22.9	.6
1972-73	1,700	27.7	25.6	13.6	2.5	1.4	6.8	20.3	2.1
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,045	18.3	24.5	18.4	6.0	12.5	1.2	12.0	7.2
1970-71	1,141	16.7	23.4	14.4	7.5	11.5	1.7	15.3	9.7
1971-72	1,233	18.5	20.3	15.7	5.4	11.5	2.2	25.5	.9
1972-73	1,284	24.3	25.3	14.6	3.4	1.1	7.0	22.0	2.3
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	781	44.7	29.8	8.2	1.0	1.3	3.1	10.8	1.2
1970-71	824	39.6	32.8	11.0	1.5	.9	1.6	11.5	1.2
1971-72	506	40.7	28.7	6.7	.2	2.2	4.7	16.8	---
1972-73	416	38.2	26.4	10.3	---	2.2	6.3	15.1	1.4
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	410	32.4	32.2	12.7	2.2	2.0	3.2	13.4	2.0
1970-71	593	37.6	32.7	10.5	2.2	1.7	1.9	12.3	1.2
1971-72	471	37.8	31.4	10.8	.8	1.3	4.0	13.4	.4
1972-73	506	31.8	25.9	14.2	.8	1.4	7.5	16.0	2.4
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,416	28.8	25.2	14.5	4.4	9.4	1.4	10.9	5.4
1970-71	1,372	21.4	25.0	14.1	6.1	9.3	1.5	14.3	8.3
1971-72	1,268	20.1	19.5	14.0	5.1	11.5	2.5	26.5	.7
1972-73	1,194	25.8	25.6	13.4	3.3	1.3	6.4	22.2	2.0

TABLE 1.24. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN GREEK.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	57	19.3	22.8	10.5	3.5	7.0	---	19.3	17.5
1970-71	46	23.9	17.4	10.9	2.2	---	2.2	41.3	2.2
1971-72	52	32.7	15.4	9.6	---	11.5	5.8	23.1	1.9
1972-73	48	33.3	8.3	16.7	4.2	2.1	6.3	27.1	2.1
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	33	15.2	18.2	12.1	6.1	12.1	---	15.2	21.2
1970-71	27	18.5	25.9	7.4	---	---	---	44.4	3.7
1971-72	31	32.3	19.4	16.1	---	16.1	---	16.1	---
1972-73	26	34.6	7.7	19.2	7.7	3.9	3.9	23.1	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	24	25.0	29.2	8.3	---	---	---	25.0	12.5
1970-71	19	31.6	5.3	15.8	5.3	---	5.3	36.8	---
1971-72	21	33.3	9.5	---	---	4.8	14.3	33.3	4.8
1972-73	22	31.8	9.1	13.6	---	---	9.1	31.8	4.6
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	57	19.3	22.8	10.5	3.5	7.0	---	19.3	17.5
1970-71	46	23.9	17.4	10.9	2.2	---	2.2	41.3	2.2
1971-72	52	32.7	15.4	9.6	---	11.5	5.8	23.1	1.9
1972-73	48	33.3	8.3	16.7	4.2	2.1	6.3	27.1	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.25. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN HISTORY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	6,412	15.1	33.3	27.3	5.9	2.3	4.2	9.2	2.8
1970-71	6,803	17.1	33.5	25.1	5.7	2.4	3.8	10.0	2.5
1971-72	6,681	20.5	36.6	21.1	3.5	1.7	4.3	10.6	1.8
1972-73	5,918	21.4	33.6	20.9	4.0	1.4	5.6	11.7	1.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	4,005	13.1	34.8	31.8	6.9	1.2	2.2	7.1	3.1
1970-71	4,223	16.9	34.3	28.4	6.8	1.2	2.4	7.3	2.7
1971-72	4,065	20.9	38.0	22.5	4.3	1.2	2.8	8.5	1.8
1972-73	3,430	18.2	35.0	24.9	5.3	1.0	3.6	10.2	1.9
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	2,407	18.4	30.9	19.7	4.2	4.2	7.5	12.8	2.3
1970-71	2,580	17.5	32.2	19.6	3.8	4.2	6.0	14.6	2.1
1971-72	2,616	19.8	34.6	19.0	2.4	2.5	6.5	13.8	1.6
1972-73	2,488	25.7	31.8	15.3	2.2	2.1	8.3	13.8	.8
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	503	23.7	30.2	12.3	1.8	1.8	10.5	17.5	2.2
1970-71	373	28.2	27.3	12.6	1.6	2.7	8.3	18.2	1.1
1971-72	677	30.7	26.3	8.6	1.0	1.5	11.1	18.9	1.9
1972-73	761	28.8	25.8	12.0	1.4	1.7	11.3	18.5	.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	5,909	14.3	33.6	28.6	6.2	2.4	3.6	8.5	2.9
1970-71	6,430	16.5	33.9	25.8	5.9	2.3	3.5	9.6	2.6
1971-72	6,004	19.3	37.8	22.6	3.8	1.7	3.5	9.6	1.7
1972-73	5,157	20.3	34.8	22.2	4.4	1.4	4.8	10.7	1.6

TABLE 1.26. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN HISTORY AND PHILOSOPHY OF SCIENCE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	100	18.0	19.0	23.0	---	11.0	14.0	15.0	---
1970-71	106	25.5	23.6	11.3	---	6.6	13.2	19.8	---
1971-72	205	18.1	26.3	9.8	4.4	5.4	12.2	22.4	1.5
1972-73	250	24.4	24.0	12.4	3.2	.8	14.0	20.4	.8
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	46	15.2	28.3	19.6	---	15.2	8.7	13.0	---
1970-71	77	27.3	26.0	14.3	---	2.6	14.3	15.6	---
1971-72	64	14.1	28.1	14.1	7.8	4.7	---	28.1	3.1
1972-73	91	28.6	25.3	12.1	2.2	---	9.9	20.9	1.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	54	20.4	11.1	25.9	---	7.4	18.5	16.7	---
1970-71	29	20.7	17.2	3.5	---	17.2	10.3	31.0	---
1971-72	141	19.9	25.5	7.8	2.8	5.7	17.7	19.9	.7
1972-73	159	22.0	23.3	12.6	3.8	1.3	16.4	20.1	.6
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	100	18.0	19.0	23.0	---	11.0	14.0	15.0	---
1970-71	106	25.5	23.6	11.3	---	6.6	13.2	19.8	---
1971-72	205	18.1	26.3	9.8	4.4	5.4	12.2	22.4	1.5
1972-73	180	21.7	23.9	11.7	3.3	1.1	17.8	20.0	.6
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	70	31.4	24.3	14.3	2.9	---	4.3	21.4	1.4

TABLE 1.27. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN HOME ECONOMICS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,548	16.9	35.3	28.5	2.7	5.4	1.2	8.2	1.9
1970-71	1,740	16.8	32.0	27.5	4.9	5.9	2.4	8.5	2.0
1971-72	2,063	13.7	32.3	24.4	5.2	9.3	2.4	10.4	2.3
1972-73	1,555	28.0	29.1	10.6	2.6	16.1	2.0	9.7	1.9
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,044	15.2	33.3	33.5	3.4	2.6	1.3	8.8	1.9
1970-71	1,119	16.5	29.3	31.6	5.6	2.8	2.2	9.3	2.7
1971-72	1,241	14.8	30.9	26.0	6.8	3.1	2.9	12.4	3.0
1972-73	704	24.9	31.5	11.2	3.1	11.4	2.4	11.9	3.6
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	504	20.2	39.5	18.1	1.2	11.3	1.0	6.9	1.8
1970-71	621	17.4	36.7	20.3	3.5	11.6	2.7	6.9	.8
1971-72	822	12.0	34.3	22.0	2.8	18.5	1.7	7.3	1.3
1972-73	851	30.7	27.1	10.0	2.1	20.1	1.7	7.9	.5
SMALLER ENROLLMENT COURSES ($\leq$60)									
1969-70	531	18.1	44.6	20.5	1.9	2.3	1.5	9.0	2.1
1970-71	559	18.1	38.3	21.3	3.2	4.3	3.6	10.6	.7
1971-72	507	18.5	32.0	24.1	4.7	4.9	4.1	10.7	1.0
1972-73	462	25.3	33.3	14.3	2.4	7.6	2.2	13.4	1.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,017	16.2	30.5	32.7	3.1	7.1	.9	7.8	1.8
1970-71	1,181	16.3	29.0	30.5	5.7	6.7	1.9	7.5	2.6
1971-72	1,556	12.1	32.4	24.6	5.3	10.7	1.9	10.3	2.8
1972-73	1,093	29.2	27.4	9.0	2.7	19.8	1.9	8.1	2.0

TABLE 1.28. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ITALIAN.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	259	32.4	23.9	11.6	4.3	5.0	1.5	11.2	10.0
1970-71	236	29.7	19.9	8.9	7.6	8.4	6.4	15.3	5.9
1971-72	237	31.2	20.7	12.7	4.6	7.2	1.7	15.2	6.8
1972-73	281	34.2	23.8	9.3	3.2	1.4	7.1	17.8	3.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	198	28.3	20.7	14.7	5.6	6.6	.5	11.1	12.6
1970-71	188	28.2	21.3	10.6	9.6	8.0	2.1	13.3	6.9
1971-72	192	26.6	19.8	15.6	5.7	8.3	1.0	14.6	8.3
1972-73	215	31.2	28.0	12.1	4.2	1.9	3.7	14.9	4.2
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	61	45.9	34.4	1.6	---	---	4.9	11.5	1.6
1970-71	48	35.4	14.6	2.1	---	---	22.9	22.9	2.1
1971-72	45	51.1	24.4	---	---	2.2	4.4	17.8	---
1972-73	66	43.9	10.6	---	---	---	18.2	27.3	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	137	35.0	29.9	10.2	3.6	1.5	2.9	13.1	3.6
1970-71	108	39.3	18.7	5.6	1.9	4.7	10.3	18.7	.9
1971-72	95	36.8	26.3	9.5	1.1	5.3	4.2	14.7	2.1
1972-73	137	33.3	19.3	10.4	2.2	.7	9.6	24.4	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	122	29.5	17.2	13.1	4.9	9.0	---	9.0	17.2
1970-71	128	20.5	21.3	11.8	12.6	7.9	3.1	12.6	10.2
1971-72	142	27.5	16.9	14.8	7.0	8.5	---	15.5	9.9
1972-73	144	33.1	28.9	8.5	4.2	2.1	4.9	12.0	6.3

TABLE 1.29. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN JOURNALISM.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	840	21.6	35.4	23.5	3.1	1.0	3.6	10.4	1.7
1970-71	1,082	14.7	34.3	26.5	5.5	2.0	4.3	9.0	3.7
1971-72	1,234	16.7	34.1	25.9	3.1	2.9	4.8	8.7	3.8
1972-73	1,366	18.1	38.4	21.8	2.9	2.6	3.2	10.0	3.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	514	16.7	36.6	27.0	3.5	1.0	3.3	9.7	2.1
1970-71	637	13.0	34.9	27.3	6.0	2.8	2.7	8.3	5.0
1971-72	737	12.9	35.0	28.1	4.5	4.1	2.7	9.4	3.4
1972-73	793	17.2	39.2	21.1	2.4	3.0	2.3	11.2	3.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	326	29.1	33.4	17.8	2.5	.9	4.0	11.4	.9
1970-71	445	17.1	33.5	25.4	4.7	.9	6.7	9.9	1.8
1971-72	497	22.3	32.8	22.7	1.0	1.2	7.9	7.7	4.4
1972-73	573	19.4	37.4	22.9	3.5	2.1	4.4	8.4	2.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	360	27.5	33.1	19.2	3.1	.8	4.4	11.1	.8
1970-71	379	15.3	33.2	27.2	5.3	1.1	7.1	9.0	1.8
1971-72	361	26.0	32.7	18.3	.8	1.4	8.0	8.9	3.9
1972-73	391	21.7	37.3	22.0	2.3	2.3	4.6	8.2	1.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	480	17.1	37.1	26.7	3.1	1.0	2.9	9.8	2.3
1970-71	703	14.1	35.0	26.3	5.6	2.6	2.7	9.0	4.7
1971-72	873	12.7	34.7	29.2	4.0	3.6	3.4	8.6	3.8
1972-73	975	16.6	38.9	21.7	3.1	2.8	2.6	10.8	3.6

TABLE 1.30. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN LATIN.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	537	23.3	23.1	19.2	4.3	7.6	3.2	14.5	4.8
1970-71	398	22.4	24.6	15.6	3.3	11.1	3.8	14.8	4.5
1971-72	379	36.9	21.9	9.8	3.4	13.5	1.8	10.6	2.1
1972-73	347	42.7	25.9	9.5	2.0	---	2.0	11.2	6.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	436	21.6	22.0	19.5	5.1	9.4	3.0	14.0	5.5
1970-71	303	19.1	21.5	15.5	4.3	14.2	4.0	15.5	5.9
1971-72	297	34.3	19.5	10.4	4.0	17.2	1.0	10.8	2.7
1972-73	271	40.2	27.7	10.3	2.6	---	2.2	9.6	7.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	101	30.7	27.7	17.8	1.0	---	4.0	16.8	2.0
1970-71	95	32.6	34.7	15.8	---	1.1	3.2	12.6	---
1971-72	82	46.3	30.5	7.3	1.2	---	4.9	9.8	---
1972-73	76	51.3	19.7	6.6	---	---	1.3	17.1	4.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	158	28.5	28.5	24.1	1.3	---	2.5	12.7	2.5
1970-71	176	27.8	35.2	19.3	1.7	1.1	2.3	10.2	2.3
1971-72	141	38.3	29.8	12.1	2.8	---	2.8	11.3	2.8
1972-73	168	42.3	25.6	10.7	1.8	---	2.4	14.3	3.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	379	21.1	20.8	17.2	5.5	10.8	3.4	15.3	5.8
1970-71	222	18.0	16.2	12.6	4.5	18.9	5.0	18.5	6.3
1971-72	238	36.1	17.2	8.4	3.8	21.4	1.3	10.1	1.7
1972-73	179	43.0	26.3	8.4	2.2	---	1.7	8.4	10.1

TABLE 1.31. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN LATIN AMERICAN STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	18	27.8	38.9	5.6	---	5.6	---	22.2	---
1970-71	44	54.6	25.0	4.6	---	4.6	9.1	2.3	---
1971-72	35	22.9	14.3	2.9	---	---	5.7	54.3	---
1972-73	58	17.2	25.9	17.2	6.9	5.2	5.2	17.2	5.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	18	27.8	38.9	5.6	---	5.6	---	22.2	---
1970-71	44	54.6	25.0	4.6	---	4.6	9.1	2.3	---
1971-72	35	22.9	14.3	2.9	---	---	5.7	54.3	---
1972-73	58	17.2	25.9	17.2	6.9	5.2	5.2	17.2	5.2
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	18	27.8	38.9	5.6	---	5.6	---	22.2	---
1970-71	44	54.6	25.0	4.6	---	4.6	9.1	2.3	---
1971-72	35	22.9	14.3	2.9	---	---	5.7	54.3	---
1972-73	58	17.2	25.9	17.2	6.9	5.2	5.2	17.2	5.2
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.32. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN LINGUISTICS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	[illegible]	I	W	F/WF
SUMMARY OF COURSES									
1969-70	491	21.8	33.8	21.4	4.3	1.4	1.4	14.5	1.4
1970-71	519	23.7	33.1	21.6	4.1	1.2	2.5	11.0	2.9
1971-72	662	28.9	32.6	16.8	1.7	1.5	4.8	13.6	.2
1972-73	486	46.1	20.6	7.2	1.9	1.2	6.4	15.0	1.7
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	363	17.1	37.5	27.3	5.2	1.1	---	10.2	1.7
1970-71	404	22.5	34.4	23.5	5.2	1.0	.7	8.9	3.7
1971-72	525	28.8	34.7	18.1	1.9	1.[illegible]	2.3	12.6	1.0
1972-73	315	41.9	27.0	9.5	2.5	1.0	3.2	14.3	.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	128	35.2	23.4	4.7	1.6	2.3	5.5	26.6	.8
1970-71	115	27.8	28.7	14.8	---	1.7	8.7	18.3	---
1971-72	137	29.2	24.8	11.7	.7	1.5	14.6	17.5	---
1972-73	171	53.8	8.8	2.9	.6	1.8	12.3	16.4	3.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	134	32.8	23.9	6.7	1.5	2.2	5.2	26.9	.7
1970-71	67	31.3	28.4	11.9	1.5	1.5	6.0	13.4	6.0
1971-72	88	33.0	29.5	10.2	1.1	2.3	6.8	17.0	---
1972-73	112	55.4	5.4	.9	.9	1.8	18.8	17.0	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	357	17.2	37.7	27.0	5.4	1.1	---	9.9	1.7
1970-71	452	22.6	33.8	23.0	4.4	1.1	2.0	10.6	2.4
1971-72	574	27.7	33.3	18.0	1.8	1.4	4.6	13.1	.2
1972-73	374	43.1	25.1	9.2	2.2	1.1	2.7	14.6	2.2

TABLE 1.33. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN MATHEMATICS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	5,177	20.9	24.9	25.7	7.9	1.7	2.3	12.7	4.0
1970-71	5,442	22.2	24.0	23.6	8.4	2.1	1.5	13.2	4.9
1971-72	5,569	24.5	22.3	22.3	7.3	2.1	2.3	14.9	4.3
1972-73	5,503	24.9	23.1	19.1	6.2	1.2	2.8	18.2	4.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	4,078	19.5	24.2	27.1	8.5	1.9	1.8	12.9	4.1
1970-71	4,257	20.7	22.9	24.8	9.4	2.3	1.3	13.2	5.4
1971-72	4,386	23.1	21.3	23.4	7.9	2.2	2.0	15.1	5.0
1972-73	4,475	23.5	22.8	20.1	7.0	1.4	2.2	18.1	5.0
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,099	26.0	27.6	20.4	5.5	1.1	3.9	11.9	3.6
1970-71	1,185	27.8	28.0	19.3	4.8	1.3	2.4	13.3	3.3
1971-72	1,183	29.8	25.9	18.0	4.7	1.9	3.6	14.3	1.8
1972-73	1,028	31.0	24.6	14.7	2.8	.3	5.6	18.8	2.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	660	28.3	28.5	18.9	4.8	1.2	4.4	11.4	2.4
1970-71	667	29.2	27.3	17.8	4.5	2.1	3.1	13.5	2.4
1971-72	919	28.1	25.9	18.2	3.8	3.2	3.9	15.3	1.6
1972-73	751	31.7	23.3	12.6	2.5	.5	5.3	21.3	2.7
LARGER ENROLLMENT COURSES (>60)									
1969-70	4,517	19.8	24.4	26.7	8.3	1.8	1.9	12.8	4.2
1970-71	4,775	21.3	23.5	24.4	8.9	2.1	1.3	13.2	5.3
1971-72	4,650	23.8	21.6	23.1	7.9	1.9	2.0	14.9	4.8
1972-73	4,752	23.8	23.1	20.1	6.8	1.3	2.4	17.7	4.7

TABLE 1.34. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN MICROBIOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	634	36.4	31.6	19.7	2.7	1.1	2.7	4.7	1.1
1970-71	774	27.8	35.9	20.4	4.3	1.0	4.3	5.4	.9
1971-72	853	38.9	32.8	13.8	3.1	.8	2.9	7.2	.5
1972-73	874	29.0	31.2	18.7	4.6	.6	4.8	9.3	2.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	430	36.7	27.2	21.9	3.7	.9	3.5	4.4	1.6
1970-71	558	19.0	36.9	24.9	5.9	1.1	5.6	5.4	1.3
1971-72	651	36.4	34.9	13.2	4.0	.8	2.6	7.7	.5
1972-73	605	27.9	29.9	19.8	6.6	.3	3.0	9.6	2.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	204	35.8	40.7	15.2	.5	1.5	1.0	5.4	---
1970-71	216	50.5	33.3	8.8	---	.9	.9	5.6	---
1971-72	202	47.0	26.2	15.8	---	1.0	4.0	5.5	.5
1972-73	269	31.2	34.2	16.0	---	1.1	8.9	8.6	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	133	46.6	39.1	6.0	.8	---	.8	6.8	---
1970-71	103	57.3	30.1	5.8	---	---	1.0	5.8	---
1971-72	54	81.5	3.7	---	---	---	7.4	5.6	1.9
1972-73	38	23.7	39.5	---	---	2.6	13.2	21.1	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	501	33.6	29.6	23.4	3.2	1.4	3.2	4.2	1.4
1970-71	671	23.2	36.8	22.7	4.9	1.2	4.8	5.4	1.0
1971-72	799	36.0	34.8	14.8	3.3	.9	2.6	7.3	.4
1972-73	836	29.2	30.9	19.5	4.8	.5	4.4	8.7	2.0

TABLE 1.35. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN MILITARY SCIENCE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	563	19.4	31.3	24.9	2.3	1.4	.4	16.3	4.1
1970-71	275	19.3	36.0	24.0	1.8	4.0	.7	8.7	5.5
1971-72	198	32.8	36.4	14.1	2.5	3.0	.5	9.1	1.5
1972-73	173	41.6	33.5	9.8	.6	2.9	2.3	7.5	1.7
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	306	18.3	23.9	22.2	2.6	---	.3	27.8	4.9
1970-71	157	22.3	29.9	22.3	3.2	.6	.6	14.0	7.0
1971-72	126	37.3	34.9	9.5	3.2	.8	---	11.9	2.4
1972-73	128	38.3	32.0	13.3	.8	3.1	1.6	8.6	2.3
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	257	20.6	40.1	28.0	2.0	3.1	.4	2.7	3.1
1970-71	118	15.3	44.1	26.3	---	8.5	.9	1.7	3.4
1971-72	72	25.0	38.9	22.2	1.4	6.9	1.4	4.2	---
1972-73	45	51.1	37.8	---	---	2.2	4.4	4.4	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	0								
1970-71	80	17.5	41.2	21.3	5.0	5.0	1.3	3.7	5.0
1971-72	107	30.8	36.4	18.7	1.9	4.7	.9	6.5	---
1972-73	95	37.9	37.9	10.5	---	3.2	4.2	4.2	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	563	19.4	31.3	24.9	2.3	1.4	.4	16.3	4.1
1970-71	195	20.0	33.8	25.1	.5	3.6	.5	10.8	5.6
1971-72	91	35.2	36.3	8.8	3.3	1.1	---	12.1	3.3
1972-73	78	46.2	28.2	9.0	1.3	2.6	---	11.5	1.3

TABLE 1.36. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN NEAR EASTERN LANGUAGES AND LITERATURE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	103	35.9	24.3	5.8	2.9	6.8	10.7	12.6	1.0
1970-71	202	37.6	18.8	2.0	1.0	8.9	12.9	16.3	2.5
1971-72	182	44.5	15.9	5.0	1.1	9.9	9.3	14.3	---
1972-73	194	47.4	21.7	4.6	3.6	1.6	6.2	13.4	1.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	36	25.0	25.0	8.3	5.6	19.4	2.8	11.1	2.8
1970-71	96	41.7	11.5	3.1	2.1	14.6	7.3	14.6	5.2
1971-72	91	38.5	16.5	7.7	2.2	17.6	2.2	15.4	---
1972-73	113	48.7	17.7	6.2	5.3	1.8	6.2	14.2	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	67	41.8	23.9	4.5	1.5	---	14.9	13.4	---
1970-71	106	34.0	25.5	.9	---	3.8	17.9	17.9	---
1971-72	91	50.6	15.4	2.2	---	2.2	16.5	13.2	---
1972-73	81	45.7	27.2	2.5	1.2	1.2	6.2	12.4	3.7
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	103	35.9	24.3	5.8	2.9	6.8	10.7	12.6	1.0
1970-71	202	37.6	18.8	2.0	1.0	8.9	12.9	16.3	2.5
1971-72	182	44.5	15.9	5.0	1.1	9.9	9.3	14.3	---
1972-73	133	47.4	22.6	4.5	2.3	1.0	8.3	11.3	2.3
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	61	47.5	19.7	4.9	6.6	1.6	1.6	18.0	---

TABLE 1.37. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN NURSING.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	62	56.5	40.3	3.2	---	---	---	---	---
1970-71	68	77.9	22.1	---	---	---	---	---	---
1971-72	80	68.8	27.5	1.3	---	---	2.5	---	---
1972-73	72	55.6	38.9	4.2	---	---	---	---	1.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	62	56.5	40.3	3.2	---	---	---	---	---
1970-71	68	77.9	22.1	---	---	---	---	---	---
1971-72	80	68.8	27.5	1.3	---	---	2.5	---	---
1972-73	72	55.6	38.9	4.2	---	---	---	---	1.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	62	56.5	40.3	3.2	---	---	---	---	---
1970-71	68	77.9	22.1	---	---	---	---	---	---
1971-72	80	68.8	27.5	1.3	---	---	2.5	---	---
1972-73	72	55.6	38.9	4.2	---	---	---	---	1.4
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.38. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN OPTOMETRY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	234	25.2	47.9	20.9	1.7	---	2.1	2.1	---
1970-71	283	41.7	30.4	19.8	4.6	---	2.1	.4	1.1
1971-72	614	38.0	40.9	15.0	1.3	---	1.6	2.8	.5
1972-73	605	40.8	40.7	12.4	1.7	---	1.3	2.6	.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	234	25.2	47.9	20.9	1.7	---	2.1	2.1	---
1970-71	283	41.7	30.4	19.8	4.6	---	2.1	.4	1.1
1971-72	614	38.0	40.9	15.0	1.3	---	1.6	2.8	.5
1972-73	605	40.8	40.7	12.4	1.7	---	1.3	2.6	.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	110	25.5	49.1	18.2	.9	---	3.6	2.7	---
1970-71	124	18.5	37.9	33.9	7.3	---	2.4	---	---
1971-72	3	---	33.3	---	---	---	66.7	---	---
1972-73	5	60.0	20.0	---	---	---	---	20.0	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	124	25.0	46.8	23.4	2.4	---	.8	1.6	---
1970-71	159	59.7	24.5	8.8	2.5	---	1.9	.6	1.9
1971-72	611	38.1	40.9	15.1	1.3	---	1.3	2.8	.5
1972-73	600	40.6	40.9	12.5	1.7	---	1.3	2.5	.5

TABLE 1.39. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PHILOSOPHY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,312	9.8	29.8	28.3	5.1	4.4	5.6	14.5	2.6
1970-71	1,634	13.0	28.6	22.8	6.9	4.2	7.1	13.1	4.2
1971-72	1,500	16.3	27.3	21.4	5.1	4.4	6.6	15.9	3.0
1972-73	1,176	20.2	25.9	18.1	2.6	2.3	6.8	21.3	2.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,152	9.9	29.9	30.0	5.5	3.8	4.7	14.2	2.2
1970-71	1,454	11.6	28.3	24.5	7.6	4.4	6.3	12.7	4.6
1971-72	1,308	15.7	26.9	23.2	5.6	4.7	5.3	15.2	3.4
1972-73	1,026	19.9	27.1	19.3	2.8	2.2	5.5	20.4	2.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	160	9.4	29.4	16.3	1.9	8.6	11.9	16.9	5.6
1970-71	180	24.4	31.1	9.4	1.1	2.8	13.9	16.7	.6
1971-72	192	20.8	30.2	9.4	1.6	2.1	15.6	20.3	---
1972-73	150	22.7	18.0	10.0	1.3	2.7	16.0	28.0	1.3
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	145	7.6	35.2	18.6	.7	4.1	12.4	15.2	6.2
1970-71	206	22.0	35.6	9.8	1.0	2.9	12.7	15.6	.5
1971-72	249	20.9	30.5	9.2	3.6	2.4	14.9	18.5	---
1972-73	150	22.8	18.1	10.1	1.3	2.7	16.1	27.5	1.3
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,167	10.1	29.1	29.5	5.6	4.5	4.7	14.4	2.1
1970-71	1,428	11.8	27.7	24.7	7.8	4.4	6.3	12.7	4.7
1971-72	1,251	15.4	26.7	23.8	5.4	4.8	5.0	15.3	3.6
1972-73	1,026	19.9	27.1	19.3	2.8	2.2	5.5	20.4	2.8

TABLE 1.40. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PHYSICS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,035	21.9	25.0	26.2	8.6	1.5	3.3	10.8	2.7
1970-71	985	17.8	24.1	31.5	7.3	1.4	4.4	11.2	2.4
1971-72	1,166	20.6	28.3	26.0	5.2	1.2	5.2	12.2	1.5
1972-73	1,402	21.1	27.3	27.0	3.0	.4	5.2	15.4	.6
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	794	17.5	24.1	30.2	10.0	1.5	3.2	10.8	2.8
1970-71	782	14.8	23.5	34.9	7.9	1.7	4.7	10.1	2.3
1971-72	968	18.5	28.1	29.6	6.0	1.3	3.8	11.3	1.5
1972-73	1,197	19.3	28.1	29.0	3.3	.3	4.2	15.1	.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	241	36.5	28.2	12.9	4.2	1.2	3.7	10.8	2.5
1970-71	203	29.1	26.1	18.2	4.9	.5	3.0	15.3	3.0
1971-72	198	30.8	29.3	8.6	1.0	.5	11.6	16.7	1.5
1972-73	205	31.7	22.4	15.1	1.0	1.0	11.2	17.1	.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	264	37.5	27.7	12.1	3.8	1.5	3.8	11.4	2.3
1970-71	265	30.2	26.8	18.9	3.8	.4	3.8	13.2	3.0
1971-72	299	28.8	31.1	10.7	1.7	1.0	10.0	15.1	1.7
1972-73	410	27.3	28.0	16.3	2.7	1.2	8.0	15.9	.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	771	16.6	24.1	31.1	10.3	1.4	3.1	10.5	2.9
1970-71	720	13.2	23.1	36.1	8.6	1.8	4.6	10.4	2.2
1971-72	867	17.7	27.4	31.3	6.4	1.3	3.5	11.2	1.4
1972-73	992	18.5	27.1	31.5	3.1	.1	3.9	15.1	.7

TABLE 1.41. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PHYSIOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	300	7.7	18.0	24.7	12.7	2.3	2.3	23.7	8.7
1970-71	817	13.0	31.1	37.2	7.3	.5	1.7	7.5	1.7
1971-72	861	16.8	31.9	35.8	4.3	1.6	.8	7.4	1.3
1972-73	788	12.8	27.8	38.7	5.5	.9	3.1	10.3	1.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	214	2.8	7.0	26.2	17.8	3.3	.9	29.9	12.2
1970-71	742	12.7	29.5	38.7	7.8	.5	1.4	7.7	1.8
1971-72	704	17.2	30.7	35.4	5.0	2.0	.7	7.7	1.4
1972-73	610	12.3	28.2	42.1	5.7	1.2	.8	9.0	.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	86	19.8	45.4	20.9	---	---	5.8	8.1	---
1970-71	75	16.0	46.7	22.7	2.7	---	5.3	5.3	1.3
1971-72	157	15.3	37.6	37.6	1.3	---	1.3	6.4	.6
1972-73	178	14.6	26.4	27.0	4.5	---	10.7	14.6	2.3
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
LARGER ENROLLMENT COURSES (>60)									
1969-70	300	7.7	18.0	24.7	12.7	2.3	2.3	23.7	8.7
1970-71	817	13.0	31.1	37.2	7.3	.5	1.7	7.5	1.7
1971-72	861	16.8	31.9	35.8	4.3	1.6	.8	7.4	1.3
1972-73	788	12.8	27.8	38.7	5.5	.9	3.1	10.3	1.0

TABLE 1.42. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PLANT SCIENCES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70*	548	20.0	21.5	28.1	8.8	1.1	2.2	14.6	3.7
1970-71*	577	14.4	24.8	30.9	12.1	2.1	2.8	11.1	1.9
1971-72*	740	19.0	23.2	26.1	8.9	2.0	3.1	14.7	2.8
1972-73	644	22.1	20.8	28.6	7.9	2.0	2.5	12.0	4.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70*	492	18.9	20.5	28.9	9.6	1.2	2.2	15.0	3.7
1970-71*	532	12.8	24.4	33.1	13.0	2.1	1.7	10.9	2.1
1971-72*	541	16.5	23.8	27.4	11.1	2.8	2.2	13.1	3.1
1972-73	407	18.4	17.9	31.5	11.6	2.5	1.2	10.8	8.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70*	56	30.4	30.4	21.4	1.8	---	1.8	10.7	3.6
1970-71*	45	33.3	28.9	4.4	2.2	2.2	15.6	13.3	---
1971-72*	199	26.1	21.6	22.6	3.0	---	5.5	19.1	2.0
1972-73	237	28.3	25.7	23.6	1.7	1.3	4.6	13.9	.8
SMALLER ENROLLMENT COURSES (≤60)									
1969-70*	114	29.8	34.2	21.1	3.5	---	1.8	7.0	2.6
1970-71*	93	23.7	24.7	20.4	6.5	2.2	7.5	11.8	3.2
1971-72*	171	27.5	26.9	18.1	2.3	.6	5.3	18.1	1.2
1972-73	129	40.3	24.0	9.3	1.6	2.3	4.7	17.8	---
LARGER ENROLLMENT COURSES (>60)									
1969-70*	434	17.5	18.2	30.0	10.1	1.4	2.3	16.6	3.9
1970-71*	484	12.6	24.8	32.9	13.2	2.1	1.9	11.0	1.7
1971-72*	569	16.5	22.1	28.5	10.9	2.5	2.5	13.7	3.3
1972-73	515	17.5	20.0	33.4	9.5	1.9	1.9	10.5	5.2

* In 1969-70, 1970-71, and 1971-72, Plant Sciences courses were offered under Botany.

TABLE 1.43. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN POLITICAL SCIENCE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	3,995	16.7	33.9	25.1	5.6	2.3	3.6	9.4	3.4
1970-71	4,124	15.5	32.3	24.6	5.1	2.0	4.2	13.9	2.4
1971-72	4,123	17.7	32.1	23.9	4.5	1.6	4.8	12.7	2.7
1972-73	4,201	17.6	34.9	19.5	2.1	1.8	6.2	15.8	2.1
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	2,270	13.7	33.6	29.3	7.8	1.2	2.2	8.0	4.2
1970-71	2,084	12.1	34.2	28.1	7.2	1.9	2.7	11.4	2.5
1971-72	2,144	15.9	29.5	26.8	6.2	1.3	4.4	12.9	3.1
1972-73	2,236	15.3	33.1	22.9	3.0	1.7	3.6	17.6	2.8
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,725	20.5	34.4	19.6	2.6	3.8	5.6	11.4	2.2
1970-71	2,040	18.9	30.4	21.0	3.1	2.1	5.6	16.5	2.4
1971-72	1,979	19.8	34.9	20.8	2.7	2.0	5.2	12.6	2.2
1972-73	1,965	20.2	36.8	15.7	1.1	1.9	9.2	13.7	1.3
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	407	33.4	30.0	10.1	1.7	1.2	9.6	11.5	2.5
1970-71	553	18.4	29.5	15.4	2.7	1.4	8.1	22.1	2.4
1971-72	364	26.9	23.6	17.0	2.7	1.6	8.2	18.1	1.6
1972-73	588	25.0	30.4	11.7	.3	1.0	13.1	16.7	1.7
LARGER ENROLLMENT COURSES (>60)									
1969-70	3,588	14.8	34.4	26.8	6.0	2.5	2.9	9.2	3.5
1970-71	3,571	15.0	32.8	26.0	5.5	2.1	3.5	12.7	2.4
1971-72	3,759	16.8	32.9	24.6	4.7	1.6	4.4	12.2	2.8
1972-73	3,613	16.4	35.6	20.8	2.4	2.0	5.1	15.6	2.2

TABLE 1.44. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PORTUGUESE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	60	41.7	21.7	10.0	1.6	3.3	5.0	13.3	3.3
1970-71	61	41.0	24.6	6.6	1.6	1.6	1.6	19.7	3.3
1971-72	52	61.5	21.2	1.9	---	5.8	1.9	7.7	---
1972-73	56	51.8	16.1	10.7	---	---	5.4	16.1	---
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	43	37.2	25.6	11.6	2.3	4.7	2.3	11.6	4.7
1970-71	44	43.2	18.2	6.8	2.3	2.3	2.3	20.5	4.6
1971-72	33	57.6	21.2	---	---	9.1	3.0	9.1	---
1972-73	42	50.0	14.3	14.3	---	---	7.1	14.3	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	17	52.9	11.8	5.9	---	---	11.8	17.7	---
1970-71	17	35.3	41.2	5.9	---	---	---	17.7	---
1971-72	19	68.4	21.1	5.3	---	---	---	5.3	---
1972-73	14	57.1	21.4	---	---	---	---	21.4	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	60	41.7	21.7	10.0	1.6	3.3	5.0	13.3	3.3
1970-71	61	41.0	24.6	6.6	1.6	1.6	1.6	19.7	3.3
1971-72	52	61.5	21.2	1.9	---	5.8	1.9	7.7	---
1972-73	56	51.8	16.1	10.7	---	---	5.4	16.1	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.45. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN PSYCHOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	6,639	17.9	28.2	28.0	6.8	2.0	5.6	7.1	4.5
1970-71	6,291	17.3	26.2	29.6	7.8	2.7	4.9	7.2	4.4
1971-72	6,437	19.3	27.5	27.2	7.3	2.2	5.5	8.0	3.1
1972-73	6,561	20.2	27.9	25.9	7.0	1.4	4.1	10.3	3.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	4,841	17.0	27.5	28.8	7.7	1.1	5.9	7.0	5.1
1970-71	4,427	16.3	25.1	30.7	9.4	2.0	4.6	7.0	4.9
1971-72	4,120	17.6	26.5	28.4	9.3	1.7	5.8	6.8	4.0
1972-73	3,891	18.5	27.9	27.5	8.2	.7	3.9	9.3	4.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,798	20.1	30.1	26.0	4.3	4.6	4.8	7.5	2.7
1970-71	1,864	19.6	28.7	27.1	4.0	4.2	5.6	7.7	3.2
1971-72	2,317	22.2	29.2	25.2	3.8	3.1	5.1	10.0	1.5
1972-73	2,670	22.9	28.0	23.6	5.3	2.6	4.4	11.8	1.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	260	35.4	22.7	10.4	3.8	.4	14.2	12.3	.8
1970-71	191	44.5	15.2	6.3	.5	1.0	16.2	13.6	2.6
1971-72	282	36.5	24.1	13.5	1.4	---	11.3	12.4	.7
1972-73	298	40.3	24.5	8.7	1.7	1.7	10.1	11.7	1.3
LARGER ENROLLMENT COURSES (>60)									
1969-70	6,379	17.2	28.4	28.7	6.9	2.1	5.2	6.9	4.6
1970-71	6,100	16.4	26.5	30.3	8.1	2.7	4.6	7.0	4.4
1971-72	6,155	18.5	27.6	27.8	7.6	2.3	5.2	7.8	3.2
1972-73	6,263	19.3	28.1	26.8	7.3	1.4	3.8	10.2	3.1

TABLE 1.46. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN RADIO AND TELEVISION.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	697	18.9	36.9	24.5	1.9	2.9	5.5	7.6	1.9
1970-71	627	18.3	36.8	27.1	2.4	3.4	2.1	7.7	2.2
1971-72	965	16.5	30.1	27.8	4.6	3.0	5.4	7.9	4.9
1972-73	969	17.0	28.5	25.6	6.0	2.5	5.0	10.9	4.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	383	19.3	34.7	23.2	2.6	5.2	3.4	9.4	2.1
1970-71	342	20.2	29.2	26.6	2.6	5.6	2.3	9.9	3.5
1971-72	694	15.7	30.6	27.7	5.3	3.9	1.2	9.7	6.1
1972-73	706	15.3	28.1	25.9	7.1	3.3	3.1	11.6	5.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	314	18.8	39.5	26.1	1.0	---	8.0	5.4	1.6
1970-71	285	16.1	46.0	27.7	2.1	.7	1.8	4.9	.7
1971-72	271	18.5	28.8	28.0	2.6	.7	16.2	3.3	1.9
1972-73	263	21.7	29.7	24.7	3.0	.4	9.9	9.1	1.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	356	17.1	40.7	27.0	.8	---	7.0	5.9	1.4
1970-71	327	20.2	43.1	26.0	1.8	.9	1.8	5.2	.9
1971-72	198	20.7	26.3	29.8	1.5	---	20.7	1.0	---
1972-73	130	31.5	23.8	22.3	1.5	---	8.5	11.5	.8
LARGER ENROLLMENT COURSES (>60)									
1969-70	341	20.8	32.8	22.0	2.9	5.9	3.8	9.4	2.3
1970-71	300	16.3	30.0	28.3	3.0	6.0	2.3	10.3	3.7
1971-72	767	15.4	31.0	27.2	5.3	3.8	1.4	9.6	6.1
1972-73	839	14.8	29.2	26.1	6.7	2.9	4.4	10.8	5.1

TABLE 1.47. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN RELIGIOUS STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	1,401	13.8	33.6	23.3	3.1	8.4	4.9	11.1	1.9
1970-71	1,899	19.1	32.2	18.5	3.1	8.0	4.1	12.2	2.7
1971-72	2,331	16.3	35.7	18.9	3.8	6.7	4.4	12.9	1.3
1972-73	2,003	28.4	29.7	13.9	1.6	5.5	4.9	14.2	1.9
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,032	12.7	35.3	26.4	3.8	6.5	4.3	8.7	2.4
1970-71	1,359	18.6	33.6	21.9	3.8	7.7	2.0	9.6	2.9
1971-72	1,532	14.3	36.4	22.6	5.3	6.5	3.5	10.1	1.2
1972-73	1,179	29.8	31.6	16.8	1.7	4.7	2.1	11.7	1.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	369	16.8	29.0	14.6	1.4	13.6	6.5	17.6	.5
1970-71	540	20.4	28.7	10.2	1.3	8.9	9.3	18.9	2.4
1971-72	799	20.2	34.3	11.9	1.0	7.1	6.0	18.2	1.4
1972-73	824	26.3	27.1	9.7	1.3	6.8	9.0	17.7	2.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	199	18.1	22.6	11.6	.5	6.5	11.1	29.1	.5
1970-71	386	23.1	29.5	9.1	.8	6.2	8.3	20.5	2.6
1971-72	423	27.0	30.3	6.6	1.2	5.2	5.9	21.7	2.1
1972-73	241	27.8	25.3	5.8	.4	2.9	14.9	20.7	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,202	12.8	35.5	25.3	3.6	8.7	3.8	8.1	2.2
1970-71	1,513	18.1	32.9	21.0	3.7	8.5	3.0	10.1	2.8
1971-72	1,908	13.9	36.9	21.6	4.4	7.1	4.0	10.9	1.1
1972-73	1,762	28.4	30.3	15.0	1.7	5.9	3.6	13.3	1.8

TABLE 1.48. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN RUMANIAN.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	3	66.7	---	---	---	---	---	33.3	---
1970-71	2	50.0	50.0	---	---	---	---	---	---
1971-72	7	57.1	14.3	14.3	---	---	14.3	---	---
1972-73	4	75.0	---	---	---	---	25.0	---	---
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	2	50.0	50.0	---	---	---	---	---	---
1971-72	7	57.1	14.3	14.3	---	---	14.3	---	---
1972-73	4	75.0	---	---	---	---	25.0	---	---
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	3	66.7	---	---	---	---	---	33.3	---
1970-71	0								
1971-72	0								
1972-73	0								
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	3	66.7	---	---	---	---	---	33.3	---
1970-71	2	50.0	50.0	---	---	---	---	---	---
1971-72	7	57.1	14.3	14.3	---	---	14.3	---	---
1972-73	4	75.0	---	---	---	---	25.0	---	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.49. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SLAVIC LANGUAGES AND LITERATURE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	659	31.0	24.0	15.8	2.3	3.2	3.6	15.5	4.7
1970-71	545	32.3	25.7	13.0	2.6	2.4	4.8	16.7	2.6
1971-72	549	30.8	28.4	9.3	1.5	2.4	6.7	18.9	2.0
1972-73	525	32.6	25.1	10.1	1.5	2.3	5.5	22.1	.8
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	263	27.8	21.3	14.8	2.3	6.8	1.9	17.1	8.0
1970-71	197	36.0	21.8	11.2	.5	4.6	2.5	18.8	4.6
1971-72	236	22.9	20.3	9.3	2.5	3.0	8.9	28.8	4.2
1972-73	242	24.4	19.4	12.0	2.5	1.7	4.6	33.9	1.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	396	33.1	25.8	16.4	2.3	.8	4.8	14.4	2.5
1970-71	348	30.2	27.9	14.1	3.7	1.2	6.0	15.5	1.4
1971-72	313	36.7	34.5	9.3	.6	1.9	5.1	11.5	.3
1972-73	283	39.6	30.0	8.5	.7	2.8	6.4	12.0	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	476	35.2	24.8	13.2	1.5	1.7	3.8	16.8	3.0
1970-71	415	36.8	26.6	11.5	1.7	2.4	4.4	15.6	1.0
1971-72	453	33.4	31.0	9.3	1.5	2.2	4.9	15.3	2.4
1972-73	405	38.6	27.6	8.7	.5	2.2	6.2	15.7	.5
LARGER ENROLLMENT COURSES (>60)									
1969-70	183	19.1	21.9	22.4	4.4	7.1	3.3	12.6	9.3
1970-71	130	16.2	23.1	18.5	5.4	2.3	6.2	20.8	7.7
1971-72	96	17.7	16.7	9.4	1.0	3.1	15.6	36.5	---
1972-73	120	13.3	17.5	14.2	5.0	2.5	3.3	42.5	1.7

TABLE 1.50. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SOCIAL SERVICE.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	166	48.2	33.7	4.2	---	3.6	3.0	6.0	1.2
1970-71	168	42.9	32.1	1.8	---	6.0	7.1	8.9	1.2
1971-72	204	39.7	33.8	6.4	.5	1.5	6.9	10.8	.5
1972-73	197	50.3	30.5	5.1	---	1.0	4.1	7.1	2.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	166	48.2	33.7	4.2	---	3.6	3.0	6.0	1.2
1970-71	168	42.9	32.1	1.8	---	6.0	7.1	8.9	1.2
1971-72	204	39.7	33.8	6.4	.5	1.5	6.9	10.8	.5
1972-73	197	50.3	30.5	5.1	---	1.0	4.1	7.1	2.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	166	48.2	33.7	4.2	---	3.6	3.0	6.0	1.2
1970-71	168	42.9	32.1	1.8	---	6.0	7.1	8.9	1.2
1971-72	204	39.7	33.8	6.4	.5	1.5	6.9	10.8	.5
1972-73	197	50.3	30.5	5.1	---	1.0	4.1	7.1	2.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.51. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SOCIOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	6,699	20.1	30.3	26.2	6.0	2.8	3.3	8.8	2.7
1970-71	7,285	15.6	29.8	27.1	6.9	3.1	4.1	10.0	3.4
1971-72	7,068	16.7	27.8	28.7	7.4	2.9	2.8	10.5	3.2
1972-73	6,206	19.9	27.3	24.9	5.7	1.8	4.9	12.9	2.5
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	4,881	16.4	33.9	29.0	7.0	1.6	2.4	6.8	2.9
1970-71	5,167	15.0	31.0	28.5	7.8	2.4	3.9	8.2	3.3
1971-72	4,896	15.6	28.6	31.3	8.3	2.4	1.8	8.4	3.6
1972-73	4,137	19.4	29.3	27.2	6.8	1.4	3.4	9.6	2.9
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,818	29.9	20.5	18.6	3.3	5.9	5.8	13.9	2.2
1970-71	2,118	17.1	27.0	23.8	4.7	4.7	4.4	14.6	3.7
1971-72	2,172	19.2	25.9	22.9	5.4	4.1	5.0	15.3	2.2
1972-73	2,069	20.9	23.4	20.4	3.3	2.8	8.0	19.3	1.8
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	106	28.3	17.9	18.9	---	.9	17.0	16.0	.9
1970-71	54	42.6	5.6	1.9	---	---	5.6	44.4	---
1971-72	208	31.3	25.0	10.6	2.4	2.4	11.1	16.8	.5
1972-73	336	16.7	25.9	11.3	3.0	1.8	16.4	22.9	2.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	6,593	19.9	30.5	26.3	6.1	2.8	3.1	8.6	2.7
1970-71	7,231	15.4	30.0	27.3	6.9	3.1	4.1	9.8	3.4
1971-72	6,860	16.3	27.9	29.3	7.6	2.9	2.5	10.3	3.3
1972-73	5,870	20.1	27.4	25.7	5.8	1.8	4.3	12.3	2.6

TABLE 1.52. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SPANISH.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	2,120	20.2	26.3	18.0	6.2	7.8	1.9	13.6	5.9
1970-71	1,963	18.5	28.4	14.6	5.4	9.9	2.0	13.6	7.6
1971-72	2,082	25.4	26.1	11.4	4.1	10.8	2.9	14.8	4.5
1972-73	2,230	31.5	27.4	12.4	4.4	.6	3.2	17.9	2.7
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,324	12.4	23.1	21.3	7.3	12.1	.6	15.4	7.8
1970-71	1,265	11.4	23.9	15.8	7.3	14.9	2.0	14.7	10.0
1971-72	1,441	21.0	23.3	12.5	5.3	15.3	2.2	14.2	6.3
1972-73	1,590	30.1	26.7	14.2	5.2	.6	2.0	18.0	3.3
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	796	33.3	31.7	12.6	4.3	.8	4.0	10.7	2.8
1970-71	698	31.5	36.7	12.3	2.0	.7	2.0	11.6	3.2
1971-72	641	35.4	32.6	8.9	1.3	.6	4.4	16.2	.6
1972-73	640	35.2	29.1	8.0	2.3	.8	6.1	17.5	1.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	548	35.0	31.8	10.9	2.4	.5	5.5	11.9	2.0
1970-71	641	30.9	37.1	13.4	1.4	.5	2.2	11.1	3.4
1971-72	500	30.8	36.0	10.8	1.6	1.0	4.8	14.4	.6
1972-73	612	34.3	30.6	9.0	2.5	1.0	5.6	16.2	1.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	1,572	15.0	24.5	20.5	7.5	10.4	.6	14.3	7.3
1970-71	1,322	12.6	24.2	15.1	7.3	14.5	1.8	14.8	9.6
1971-72	1,582	23.7	23.0	11.6	4.9	13.9	2.2	15.0	5.8
1972-73	1,618	30.5	26.2	13.7	5.1	.5	2.2	18.5	3.3

TABLE 1.53. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SPEECH.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70*	3,398	24.7	37.2	20.8	2.4	1.3	2.7	8.0	2.9
1970-71*	3,820	25.0	40.2	16.6	1.8	1.2	3.6	9.1	2.4
1971-72	2,798	26.4	42.1	15.4	1.8	2.1	1.9	8.6	1.8
1972-73	2,707	34.2	38.4	9.8	1.4	1.5	2.3	10.1	2.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70*	2,675	23.2	36.8	23.0	2.6	1.2	2.2	7.9	3.2
1970-71*	2,920	22.6	42.2	17.5	1.9	.9	2.9	9.2	2.7
1971-72	2,121	24.4	44.7	16.3	1.7	.9	1.3	8.6	2.2
1972-73	2,055	35.9	40.2	8.8	1.0	.9	1.8	9.2	2.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70*	723	30.2	38.7	12.5	1.7	1.7	4.6	8.7	2.1
1970-71*	900	32.8	33.8	13.7	1.3	2.2	6.0	8.9	1.3
1971-72	677	32.6	34.1	12.6	1.8	5.9	3.7	8.6	.7
1972-73	652	29.1	32.5	13.2	2.9	3.5	4.1	13.0	1.5
SMALLER ENROLLMENT COURSES (≤60)									
1969-70*	1,102	20.3	34.1	21.2	2.5	2.9	4.3	11.4	3.3
1970-71*	1,220	29.5	35.2	13.4	1.2	2.2	5.5	11.1	1.8
1971-72	842	29.6	33.0	14.0	1.5	5.5	3.7	11.6	1.1
1972-73	800	29.2	31.5	12.5	3.0	3.4	4.6	13.5	2.2
LARGER ENROLLMENT COURSES (>60)									
1969-70*	2,296	26.8	38.7	20.5	2.4	.5	1.9	6.4	2.8
1970-71*	2,600	23.0	42.6	18.0	2.0	.8	2.7	8.2	2.7
1971-72	1,956	24.9	46.1	16.0	1.8	.6	1.1	7.3	2.1
1972-73	1,907	36.3	41.3	8.7	.8	.7	1.4	8.7	2.2

* In 1969-70 and 1970-71, Theatre and Drama was included with Speech.

TABLE 1.54. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN THEATRE AND DRAMA.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70*									
1970-71*									
1971-72	1,025	26.6	35.3	11.3	1.2	1.3	6.6	15.4	2.2
1972-73	938	24.5	38.1	10.8	.6	.6	4.6	18.8	2.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70*									
1970-71*									
1971-72	693	24.2	37.4	13.1	1.6	1.4	3.8	15.4	3.0
1972-73	659	20.0	39.0	12.6	.9	.9	3.5	20.5	2.4
UPPER DIVISION COURSES (300 and 400 level)									
1969-70*									
1970-71*									
1971-72	332	31.6	31.0	7.5	.3	.9	12.7	15.4	.6
1972-73	279	35.1	35.8	6.0	---	---	7.2	14.7	1.1
SMALLER ENROLLMENT COURSES (≤60)									
1969-70*									
1970-71*									
1971-72	549	26.6	33.7	8.0	.9	.7	11.1	17.5	1.5
1972-73	562	29.9	36.3	7.3	.5	.7	6.2	17.6	1.4
LARGER ENROLLMENT COURSES (>60)									
1969-70*									
1970-71*									
1971-72	476	26.7	37.3	15.2	1.5	1.9	1.5	12.8	3.2
1972-73	376	16.5	40.7	16.0	.8	.5	2.1	20.5	2.9

* In 1969-70 and 1970-71, Theatre and Drama was included with Speech.

TABLE 1.55. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN URALIC AND ALTAIC STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	31	54.8	29.0	---	---	3.2	---	12.9	---
1970-71	82	54.9	35.4	1.2	---	---	1.2	3.7	3.7
1971-72	114	68.4	17.5	.9	1.8	---	3.5	5.3	2.6
1972-73	113	57.5	9.7	4.4	---	---	9.7	14.2	4.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	31	54.8	29.0	---	---	3.2	---	12.9	---
1970-71	82	54.9	35.4	1.2	---	---	1.2	3.7	3.7
1971-72	114	68.4	17.5	.9	1.8	---	3.5	5.3	2.6
1972-73	113	57.5	9.7	4.4	---	---	9.7	14.2	4.4
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	31	54.8	29.0	---	---	3.2	---	12.9	---
1970-71	82	54.9	35.4	1.2	---	---	1.2	3.7	3.7
1971-72	114	68.4	17.5	.9	1.8	---	3.5	5.3	2.6
1972-73	113	57.5	9.7	4.4	---	---	9.7	14.2	4.4
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.56. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN WESTERN EUROPEAN STUDIES.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	43	32.6	20.9	4.7	2.3	7.0	16.3	16.3	---
1970-71	53	32.1	28.3	1.9	---	3.8	18.9	9.4	5.7
1971-72	44	45.5	11.4	---	4.6	---	20.5	18.2	---
1972-73	41	51.2	7.3	2.4	2.4	---	24.4	12.2	---
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	43	32.6	20.9	4.7	2.3	7.0	16.3	16.3	---
1970-71	53	32.1	28.3	1.9	---	3.8	18.9	9.4	5.7
1971-72	44	45.5	11.4	---	4.6	---	20.5	18.2	---
1972-73	41	51.2	7.3	2.4	2.4	---	24.4	12.2	---
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	43	32.6	20.9	4.7	2.3	7.0	16.3	16.3	---
1970-71	53	32.1	28.3	1.9	---	3.8	18.9	9.4	5.7
1971-72	44	45.5	11.4	---	4.6	---	20.5	18.2	---
1972-73	41	51.2	7.3	2.4	2.4	---	24.4	12.2	---
LARGER ENROLLMENT COURSES (>60)									
1969-70	0								
1970-71	0								
1971-72	0								
1972-73	0								

TABLE 1.57. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN ZOOLOGY.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	2,625	23.5	32.4	22.3	9.8	1.3	2.9	5.2	2.7
1970-71	2,420	31.5	25.7	17.8	11.5	1.5	2.3	7.0	2.6
1971-72	2,251	32.0	29.5	15.8	8.5	.4	2.3	8.6	2.9
1972-73	1,401	22.8	29.0	19.1	10.6	.4	4.9	11.0	2.2
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	1,397	16.1	28.7	27.6	16.3	.9	1.9	4.7	3.8
1970-71	1,431	16.3	28.0	23.1	17.7	1.8	1.4	8.2	3.6
1971-72	1,210	19.5	33.4	18.8	13.6	.7	1.2	8.8	4.0
1972-73	910	19.3	28.1	21.5	14.3	.3	3.6	10.2	2.5
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,228	31.8	36.6	16.2	2.4	1.9	3.9	5.8	1.5
1970-71	989	53.6	22.4	10.2	2.4	1.2	3.6	5.4	1.2
1971-72	1,041	46.5	25.1	12.2	2.5	.1	3.5	8.5	1.7
1972-73	491	29.3	30.6	14.5	3.7	.6	7.3	12.4	1.6
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	131	30.5	40.5	18.3	---	---	2.3	6.1	2.3
1970-71	149	24.2	26.8	18.8	1.3	1.3	15.4	10.7	1.3
1971-72	196	33.2	25.5	13.3	4.6	---	5.6	16.3	1.5
1972-73	192	27.6	26.6	14.1	3.1	.5	15.1	12.0	1.0
LARGER ENROLLMENT COURSES (>60)									
1969-70	2,494	23.1	32.0	22.5	10.3	1.4	2.9	5.2	2.7
1970-71	2,271	32.0	25.6	17.8	12.1	1.5	1.5	6.8	2.7
1971-72	2,055	31.9	29.9	16.0	8.9	.4	1.9	7.9	3.1
1972-73	1,209	22.1	29.4	19.9	11.7	.4	3.3	10.8	2.4

TABLE 1.58. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SCHOOL OF BUSINESS.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	10,999	19.8	26.6	29.3	6.9	4.5	1.4	7.9	3.6
1970-71	9,204	21.8	27.7	27.1	6.4	3.9	1.5	7.2	4.3
1971-72	9,192	22.1	32.5	24.6	5.7	3.1	1.7	7.8	2.7
1972-73	9,480	23.5	31.7	22.9	4.6	2.3	2.0	9.8	3.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	4,030	13.4	22.7	35.7	9.3	3.4	1.4	8.8	5.5
1970-71	3,246	13.3	22.3	29.4	8.7	5.0	1.6	10.5	9.1
1971-72	3,465	16.7	29.5	25.4	5.8	5.1	1.7	11.7	4.0
1972-73	3,649	20.9	26.0	20.4	5.4	3.7	2.0	16.0	5.6
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	6,969	23.5	28.9	25.6	5.6	5.1	1.5	7.4	2.5
1970-71	5,958	26.5	30.6	25.9	5.2	3.3	1.4	5.4	1.7
1971-72	5,727	25.3	34.3	24.1	5.6	1.8	1.7	5.4	1.9
1972-73	5,831	25.1	35.2	24.4	4.1	1.4	2.1	5.9	2.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	1,477	24.9	29.5	21.9	4.7	1.6	2.5	11.9	2.9
1970-71	1,078	23.6	28.1	23.7	5.0	4.0	2.4	10.9	2.3
1971-72	1,221	25.6	30.4	19.2	3.7	3.7	4.3	11.5	1.6
1972-73	1,027	26.5	31.2	20.5	1.6	3.1	5.2	9.5	2.4
LARGER ENROLLMENT COURSES (>60)									
1969-70	9,522	19.0	26.2	30.5	7.3	4.9	1.2	7.3	3.7
1970-71	8,126	21.6	27.5	27.6	6.6	3.9	1.4	6.7	4.6
1971-72	7,971	21.5	32.8	25.4	6.0	2.9	1.3	7.2	2.9
1972-73	8,453	23.1	31.7	23.2	5.0	2.2	1.6	9.8	3.5

TABLE 1.59. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SCHOOL OF EDUCATION.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	6,069	30.6	31.1	9.4	.6	18.5	4.0	5.2	.6
1970-71	6,019	29.1	21.5	5.4	.3	33.8	4.2	5.2	.6
1971-72	6,365	34.4	18.4	5.9	.4	30.7	4.1	5.7	.4
1972-73	6,007	36.9	18.1	4.3	.3	26.0	8.5	5.6	.4
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	2,167	40.4	33.9	11.5	1.1	2.1	5.3	4.9	.9
1970-71	2,068	27.0	16.2	5.5	.5	37.1	6.1	6.7	.8
1971-72	2,134	43.5	13.0	5.1	.7	27.8	5.0	4.5	.5
1972-73	1,780	43.5	9.6	4.4	.6	26.6	8.3	6.4	.7
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	3,902	25.1	29.6	8.2	.3	27.6	3.3	5.4	.4
1970-71	3,951	30.1	24.3	5.3	.2	32.1	3.1	4.3	.5
1971-72	4,231	29.8	21.0	6.4	.3	32.2	3.7	6.4	.3
1972-73	4,227	34.1	21.7	4.3	.1	25.7	8.6	5.3	.2
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	947	26.6	37.3	12.9	.8	5.1	6.2	10.2	.8
1970-71	1,077	28.2	35.6	13.8	.7	5.4	5.7	9.7	.8
1971-72	1,018	37.8	30.2	10.4	.4	3.4	5.0	12.3	.5
1972-73	961	36.6	31.6	6.5	.1	10.7	6.7	7.7	.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	5,122	31.3	30.0	8.7	.5	21.0	3.6	4.3	.6
1970-71	4,942	29.3	18.4	3.5	.2	40.1	3.8	4.2	.6
1971-72	5,347	33.7	16.1	5.1	.4	36.0	3.9	4.5	.3
1972-73	5,046	37.0	15.5	3.9	.3	28.9	8.9	5.1	.4

TABLE 1.60. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN HEALTH, PHYSICAL EDUCATION, AND RECREATION.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	9,783	18.3	40.5	21.3	2.1	5.7	5.3	5.4	1.5
1970-71	10,224	20.6	40.5	18.6	1.6	5.4	5.6	6.2	1.5
1971-72	7,599	31.7	31.9	13.5	1.3	3.2	5.0	12.4	1.0
1972-73	8,088	33.7	31.0	11.7	1.4	3.1	5.7	12.4	1.0
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	8,758	17.6	41.0	21.0	1.9	6.3	5.3	5.3	1.6
1970-71	9,110	20.3	41.2	17.7	1.5	5.8	5.8	6.2	1.7
1971-72	6,327	32.4	31.5	12.0	1.1	3.5	5.1	13.3	1.0
1972-73	6,762	35.2	30.2	9.5	1.3	3.4	5.8	13.6	1.1
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	1,025	23.9	36.5	23.6	3.7	.4	4.7	6.6	.6
1970-71	1,114	22.7	34.9	26.3	2.6	2.1	4.5	6.6	.4
1971-72	1,272	28.3	34.2	20.5	2.0	1.8	4.6	7.7	.8
1972-73	1,326	26.4	35.3	23.3	1.7	1.7	4.9	6.2	.6
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	857	29.8	33.1	19.0	1.8	.8	5.0	9.5	1.1
1970-71	907	25.4	34.6	20.4	1.5	2.4	4.5	10.2	.9
1971-72	1,092	32.0	30.1	15.9	2.1	2.0	4.8	11.7	1.5
1972-73	1,059	32.8	32.3	16.4	1.5	.5	4.4	11.5	.6
LARGER ENROLLMENT COURSES (>60)									
1969-70	8,926	17.2	41.2	21.5	2.1	6.2	5.3	5.0	1.5
1970-71	9,317	20.1	41.1	18.5	1.6	5.7	5.8	5.8	1.5
1971-72	6,507	31.7	32.2	13.0	1.1	3.4	5.1	12.5	.9
1972-73	7,029	33.9	30.8	11.0	1.4	3.5	5.9	12.5	1.1

TABLE 1.61. PER CENT GRADE DISTRIBUTIONS FOR COURSES IN SCHOOL OF MUSIC.

First Semester	Number of Grades	Per Cent Grade Distribution							
		A	B	C	D	P	I	W	F/WF
SUMMARY OF COURSES									
1969-70	7,289	44.9	23.8	12.5	4.1	.6	3.7	7.3	3.1
1970-71	7,665	47.3	23.5	11.4	3.1	.9	4.4	6.8	2.6
1971-72	8,413	48.8	21.8	9.6	2.6	.8	4.9	9.2	2.5
1972-73	7,497	46.3	23.9	9.5	1.9	.7	5.6	10.2	1.9
LOWER DIVISION COURSES (100 and 200 level)									
1969-70	5,234	44.1	22.2	14.0	4.8	.8	2.7	7.6	3.7
1970-71	5,571	47.0	22.4	12.5	3.7	1.1	3.2	7.3	3.0
1971-72	5,929	48.4	20.8	10.3	3.0	1.1	4.0	9.5	2.9
1972-73	5,386	46.8	22.2	10.6	2.2	.9	4.7	10.4	2.3
UPPER DIVISION COURSES (300 and 400 level)									
1969-70	2,055	46.8	27.8	8.7	2.5	.1	6.4	6.4	1.4
1970-71	2,094	48.0	26.7	8.4	1.7	.3	7.7	5.7	1.6
1971-72	2,484	49.8	24.0	7.7	1.6	.1	7.1	8.5	1.3
1972-73	2,111	45.1	28.4	6.7	1.3	.1	7.9	9.7	1.0
SMALLER ENROLLMENT COURSES (≤60)									
1969-70	1,767	44.9	30.1	6.3	1.1	.3	7.0	9.1	1.2
1970-71	1,954	46.7	28.4	6.2	.9	.8	8.4	7.6	1.0
1971-72	2,316	45.5	24.8	7.1	1.1	.4	8.7	10.8	1.6
1972-73	2,283	42.3	26.3	5.7	.9	.4	10.1	13.4	1.1
LARGER ENROLLMENT COURSES (>60)									
1969-70	5,522	44.9	21.8	14.5	5.1	.7	2.7	6.7	3.7
1970-71	5,711	47.5	21.9	13.1	3.9	.9	3.1	6.6	3.1
1971-72	6,097	50.0	20.6	10.5	3.1	1.0	3.5	8.6	2.8
1972-73	5,214	48.1	22.9	11.2	2.4	.8	3.6	8.7	2.3

Comments

Most of the interpretation of the changes reflected in the foregoing grade distribution tables has been left to the individual departments primarily because it is at the department level where the major factors associated with the changes can be identified. To what extent course changes, shifts in faculty members, fluctuations in class (section) si and numerous other factors are associated with these easily seen changes is not known. It is our opinion that departments are in the best position to explore and explain the changes.

However, two considerations need to be kept in mind as interpretations are made. First, although the data for these distributions have been carefully checked and found to be reliable, there may be anomalies not revealed to the investigators. Such are more likely to be errors of omission which were brought about by unintentionally overlooking certain courses. Obviously, the impact of such an error would be greatest for those grade distributions based on the smallest number of grades. Second, if specific grade distributions conflict with information in department files, please call the OIR office so that differences can be reconciled.

Because certain patterns were perceived in this initial study, certain conjectures were made by the OIR staff and tested. The second study in this report reflects, then, certain measured trends in grade distributions.

STUDY TWO

MEASURED TRENDS IN GRADE DISTRIBUTIONS, 1969-72

Objectives

In study one, it was seen that in many departments and for the overall Bloomington Campus rather sizable changes have occurred in the per cent grade distributions from the first semester 1969-70 through the first semester 1972-73. This shift was easily detected among the lower division courses. One possible explanation for this general increasing trend in average grades was that a similar increase had occurred in the average ability of incoming students. That is, the increase in grades merely reflects what might be expected from the pool of student talent. This rather obvious hypothesis provided the chief stimulus for study two.

The objectives of study two were (1) to measure objectively the trend in average grades from 1969-70 to 1972-73 and (2) to assess the trend in measured ability of students from 1969 to 1972. If the trend in average ability was similar to the trend in average grades, then it could be concluded that shifts in grade distributions were a direct function of changes in student ability. If the two trends were not similar, then other explanations would need to be formulated and tested regarding the changes in average marks.

Procedures

Predictor Variable. For study two, the four year period from the first semester 1969-70 through the first semester 1972-73 was defined as the predictor variable. It consisted of four levels. The variable might be referred to as either an independent variable or an antecedent variable. However, it more nearly fits the definition of a predictor since there was no experimental manipulation of the variable.

Classification Variables. Three classification variables were defined and used in this study. The first study had revealed that course level and course enrollment were associated with differences in grade distributions. Consequently, these two variables were used as classification variables in study two. In addition, sex of student was selected as a third classification because previous studies have generally indicated that women receive higher grades than men. It has also been found that grades received by women are more highly related to their measured ability than for men. By using the classification variables of sex of student, course level, and course enrollment, control for differences across time for these three variables was attained.

These three classification variables provided the basis for eight subsets of grades to be defined in each department. These eight subsets are shown below.

Course Level	Course Enrollment	Sex of Student
Lower	Smaller	Men
Lower	Smaller	Women
Lower	Larger	Men
Lower	Larger	Women
Upper	Smaller	Men
Upper	Smaller	Women
Upper	Larger	Men
Upper	Larger	Women

Criterion Variables. There were two criterion variables for study two. One criterion variable was the average grade in a department for each subset of the classification variables. The average grade was computed for each year within each departmental subset by converting the grade of A to 4 points, B to 3 points, C to 2 points, D to 1 point and F to 0 points. All course grades were equally weighted, ignoring credit hours for specific courses. The number of credit hours for a course was not considered important for the objectives of this study. The average grade was simply found by dividing the total number of points by the number of grades.

It should be pointed out that this average grade does not reflect the grades of P, I, and W. Therefore, in study two, changes in the per cent of P's, I's, and W's were not analyzed.

The second criterion variable for study two was the average ability score for each departmental subset. Average ability was measured by using the scores from the College Entrance Examination Board's Scholastic Aptitude Test (SAT). Scores from this test were available for approximately 75-80 per cent of the grade recipients. The average SAT score was simply the average total score (verbal score plus mathematics score).

Unit of Analysis. Since the objectives for study two were to measure trends across time, some control of the academic units of analysis was necessary. That is, it was highly desirable that the trends reflect a constant set of academic units across time. A second factor which had a direct impact on the unit of analysis was the number of grades in a departmental subset of the classification variables. It was judged that each departmental subset average should be based on at least 10 grades.

For these reasons, the department rather than the course was used as a unit of analysis. Although an attempt was made to use course as a unit of analysis it was readily apparent that eight subsets of grades would force average grades to be based on insufficient numbers of grades.

Method of Analysis. The method of analysis for study two was to use the analysis of variance with correlated data. That is, averages within departmental subsets had to exist for all four years before the department was included in the analysis. Subsequent analyses tested for linear, quadratic and cubic trends across the four years.

These analyses were based on departmental averages. Since departmental averages were based on different numbers of grades, the actual trend analyses were, in actuality, based on unweighted averages. These unweighted averages were not weighted according to differences in size of departments. Rather, departments were equally weighted.

Sample

The sample size for study two was originally 59 departments. There were 59 separate departments (or sets of course offerings) in the College of Arts and Sciences, Bloomington Campus, which had at least 10 student grades within at least one of the eight subsets of the classification variables during one of the four years. This analytical procedure delimited the sample size because of the constraint that a department was required to have at least 10 student grades within a classification variable subset for each of the four years of the study. This caused the sample size to be small. As a result the analyses will be reported only for lower division

subsets. There were no reliable trends in upper division courses using this analytical procedure.

Results

The first objective of study two was to measure objectively the trend in average grades from the first semester 1969-70 through the first semester 1972-73. A summary of the analyses associated with this objective is reported in Tables 2.01-2.08. These eight tables show the unweighted means and a summary of the trend analyses for four subsets of the classification variables.

TABLE 2.01. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF GRADES FOR WOMEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	40	2.72
1970-71	40	2.76
1971-72	40	2.91
1972-73	40	2.92

TABLE 2.02. SUMMARY OF TREND ANALYSIS OF GRADES FOR WOMEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	39	.4951	
Within Departments			
Years	3	.4377	17.439**
Linear Trend	1	1.1954	47.625**
Quadratic Trend	1	.0085	<1
Cubic Trend	1	.1098	4.375*
Error	117	.0251	

**p<.01; *p<.05

TABLE 2.03. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF GRADES FOR MEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	36	2.55
1970-71	36	2.60
1971-72	36	2.75
1972-73	36	2.75

TABLE 2.04. SUMMARY OF TREND ANALYSIS OF GRADES FOR MEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	35	.3655	
Within Departments			
Years	3	.3887	12.194**
Linear Trend	1	1.0413	32.643**
Quadratic Trend	1	.0165	<1
Cubic Trend	1	.1088	3.411
Error	105	.0319	

**p<.01

TABLE 2.05. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF GRADES FOR WOMEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	14	3.01
1970-71	14	3.24
1971-72	14	3.18
1972-73	14	3.19

TABLE 2.06. SUMMARY OF TREND ANALYSIS OF GRADES FOR WOMEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	13	.2470	
Within Departments			
Years	3	.1408	4.385*
Linear Trend	1	.1527	4.757*
Quadratic Trend	1	.1737	5.411*
Cubic Trend	1	.0958	2.984
Error	39	.0321	

*p<.05

TABLE 2.07. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF GRADES FOR MEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	13	2.86
1970-71	13	3.03
1971-72	13	2.86
1972-73	13	3.12

TABLE 2.08. SUMMARY OF TREND ANALYSIS OF GRADES FOR MEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	12	.2879	
Within Departments			
Years	3	.2153	2.527
Linear Trend	1	.2542	2.984
Quadratic Trend	1	.0290	<1
Cubic Trend	1	.3628	4.258*
Error	36	.0852	

*p<.05

Significant among-year-trends across the four year period were found for three of the four subsets. These trends were significant for both women and men in lower division, larger enrollment courses and for women in lower division, smaller enrollment courses. Among-year-trends were not significant for men in lower division, smaller enrollment courses. These among-year-trends were further tested for linear, quadratic and cubic trends.

Significant linear trends were found for both women and men in lower division, larger enrollment courses and for women in lower division, smaller enrollment courses. The quadratic trend was significant only for women in lower division, smaller enrollment courses. The cubic trend was significant for women in lower division, larger enrollment courses, and for men in lower division, smaller enrollment courses. For the significant linear trends the average grades were all increasing over time. For the significant quadratic trends the average grades, although they had increased, had increased at a decreasing rate during the last two years. The significant cubic trends were weak, but significant, and as a result, difficult to interpret. In conclusion, the most reliable trends tended to be significant positive increases in average grades across the four year period. These increases were essentially linear.

The second objective of study two was to measure the trend in average ability from the first semester 1969-70 through the first semester 1972-73. Analytical information related to this objective is reported in Tables 2.09-2.16. These eight tables depict the unweighted means and a summary of the trend analysis for four subsets of the classification variables.

TABLE 2.09. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF SAT TOTAL SCORES FOR WOMEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	40	1021.5
1970-71	40	1005.9
1971-72	40	1003.1
1972-73	40	990.2

TABLE 2.10. SUMMARY OF TREND ANALYSIS OF SAT TOTAL SCORES FOR WOMEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	39	13371.25	
Within Departments			
Years	3	6575.17	12.585**
Linear Trend	1	18595.56	35.592**
Quadratic Trend	1	74.25	<1
Cubic Trend	1	1055.70	2.021
Error	117	522.47	

*p<.01

TABLE 2.11. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF SAT TOTAL SCORES FOR MEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	36	1032.0
1970-71	36	1036.7
1971-72	36	1021.2
1972-73	36	1022.9

TABLE 2.12. SUMMARY OF TREND ANALYSIS OF SAT TOTAL SCORES FOR MEN IN LOWER DIVISION, LARGER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	35	13972.75	
Within Departments			
Years	3	1952.73	1.702
Linear Trend	1	3281.07	2.860
Quadratic Trend	1	79.51	<1
Cubic Trend	1	2497.61	2.177
Error	105	1147.13	

TABLE 2.13. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF SAT TOTAL SCORES FOR WOMEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	14	1048.3
1970-71	14	1021.4
1971-72	14	1066.6
1972-73	14	1031.6

TABLE 2.14. SUMMARY OF TREND ANALYSIS OF SAT TOTAL SCORES FOR WOMEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	13	37329.79	
Within Departments			
Years	3	5507.49	1.356
Linear Trend	1	15.09	<1
Quadratic Trend	1	228.02	<1
Cubic Trend	1	16279.38	4.008
Error	39	4061.42	

TABLE 2.15. UNWEIGHTED MEANS USED IN THE TREND ANALYSIS OF SAT TOTAL SCORES FOR MEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

FIRST SEMESTER	NUMBER OF DEPARTMENTS	UNWEIGHTED MEANS
1969-70	13	1181.8
1970-71	13	1117.1
1971-72	13	1147.8
1972-73	13	1111.8

TABLE 2.16. SUMMARY OF TREND ANALYSIS OF SAT TOTAL SCORES FOR MEN IN LOWER DIVISION, SMALLER ENROLLMENT COURSES.

SOURCE	df	MS	F
Between Departments	12	18584.98	
Within Departments			
Years	3	13559.15	3.524*
Linear Trend	1	20898.31	5.431*
Quadratic Trend	1	2704.33	<1
Cubic Trend	1	17074.80	4.437*
Error	36	3848.08	

*p <.05

There were significant among-year-trends for women in lower division, larger enrollment courses and for men in lower division, smaller enrollment courses. For both groups there were significant linear trends which were negative. In addition, a weak, but significant, cubic trend was found for men in lower division, smaller enrollment courses. In conclusion, these significant trends showed a decrease in average ability using average SAT total scores. For the other two subsets no significant trends in average ability were found during the four year period.

Discussion

The underlying hypothesis that changes in average grades were a primary function of changes in average ability was not supported by this study. There was an overall trend for average grades to increase but this increase was not associated with a similar increase in average ability. It appears that the increase in average grades was associated with other factors.

One possible set of factors might be the relaxation of required courses during this four year period. That is, students were better able to match their talents, interests and motivations to a set of courses which maximized their grades. Another set of factors may be diversified grading scales employed by faculty.

There was some evidence in the first study that the entire grade scale was not used in certain courses. In lieu of low or failing grades it appeared that W's and possibly I's were being employed. Possibly the actual use of certain grades (e.g., W's and I's) has undergone a change in meaning. Certainly W's were more frequent in 1972-73 than in 1969-70.

STUDY THREE

GRADE DISTRIBUTIONS AMONG ACADEMIC SUBSETS

Objectives

While changes in grade distributions over time were found in the two previous studies, these changes were not systematically studied across the various academic departments. The first objective of study three was to measure the change in grade distributions within major academic subsets on the Bloomington Campus. This objective focused upon two questions. Were grade distributions changing across all major academic subsets or were the distributions changing in only selected academic subsets? If the changes were not found in selected academic subsets, then which ones?

The second purpose of study three was to compare grade distributions among large arts and sciences subsets on the Bloomington Campus holding constant course division, course level, and year. Occasionally students and faculty speculate that grades in the "hard" sciences are different from grades in the humanities. It was assumed that comparisons of grade distributions among arts and sciences subsets are not only interesting but would be helpful in understanding current grading practices. There was no assumption that the distributions should be similar. However, it was argued that if sizable differences were found in the grade distributions among the arts and sciences subsets, then the meaning of the overall undergraduate GPA was affected.

Procedures

Academic Subsets. Surely by now the reader will have thought that the number cruncher for this study has "blown his mind" by suggesting that academic subsets depict a meaningful categorization of the departments/division/schools on the Bloomington Campus. While that may be the case, the term academic subsets was not our first, second or even third choice for describing the categories created for this study. By no means did we wish to suggest any change in the organization of academic programs. Rather, academic subsets were defined for study three in order to pool departments/divisions/schools into units which (1) seemed to have similar grade distributions and/or (2) seemed to be academically related.

There were six subsets defined within the College of Arts and Sciences (COAS). These six subsets, which were similar to divisions in the College of Arts and Sciences Bulletin, consisted of (1) Mathematics and Physical Sciences courses, (2) Social and Behavioral Sciences courses, (3) Biological Sciences courses, (4) Arts and Humanities excluding language courses, (5) Arts and Humanities - language courses only, and (6) other courses in the College of Arts and Sciences. The first three subsets followed the COAS Bulletin exactly; the arts and humanities division described in the Bulletin was divided into two subsets, and the other courses in the COAS were dominated by the professional programs of the College. The language courses were grouped separately from the arts and humanities division because the changes in the grade distributions for language courses, especially at the lower division level, were among the more obvious and unique ones in study one.

One additional academic subset consisted of the four professional schools on the Bloomington Campus which offered undergraduate courses - Business, Education, HPER, and Music.

Time Period. The time period for study three was from the first semester 1969-70 through the first semester 1972-73. Grade distributions were prepared for the first semester only of the four years, inclusive.

Course Level as a Classification Variable. The courses for study three were combined into lower division courses (course numbers between 100 and 299, inclusive) and upper division courses (course numbers between 300 and 499, inclusive). The rationale for using course level as a classification variable in study three was similar to the rationale in study one. Course level accounted for major variations among grade distributions of courses.

Grade Distribution. The grade distribution for study three was the number and per cent of grades within a grouping of courses. The categories were A's, B's, C's, D's, P's, I's, W's, and F's or WF's. As was true in study one, comparison of distributions across time were confounded with an extraneous factor for the grade of I. This factor was the difference in the length of time for the removal of an incomplete for each of the four years. This confounding was not a factor in the differences related to the second objective of the study since time was used as a control variable.

Unit and Method of Analysis. For the first objective of study three, year-by-grade (4 x 8) contingency tables were constructed for the lower and upper divisions of each academic subset of courses. By using the frequency of grades in each cell of the 4 x 8 contingency tables, chi squares

were calculated to test the differences in proportional grade distributions across time. In all, 14 tables were developed.

Contingency tables were also formulated for the second objective of study three. The frequency of grades were partitioned into arts and sciences subset-by-grade cells (5 x 8), controlling on year and course level. Eight contingency tables were made which related to the second objective of study three. Chi squares were also calculated.

Under results, per cent grade distributions will be reported in order for the reader to see more easily the trends in the data. However, the chi squares were calculated using the frequencies upon which the reported per cents are based.

Data Source

The data source of grades was the same for study three as for studies one and two. The distribution of grades from study one were combined and redistributed to fit the definitions of study three. This management of data was all handled using the Wrubel Computing Center, was accomplished automatically, and resulted in minimal costs for study three. However, for this study all courses with enrollments of three or less were excluded from the analyses because the grade distributions in these extremely small enrollment classes were most often invariant. Also, the data for this study are reflective of further editing after study one was completed. Checks between study one and study three revealed only small percentage changes in grade distributions.

Results

The year-by-grade contingency tables and chi square analyses of the data for the first objective are reported in Tables 3.01-3.14. Each table consists of per cent grade distributions by year and has a chi square reported for differences in proportional frequencies across the four years.

TABLE 3.01. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN ARTS AND HUMANITIES OTHER THAN LANGUAGE COURSES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/Wh
1969-70	19,342	17.6	35.6	25.6	4.6	2.8	2.9	8.3	2.6
1970-71	20,266	21.8	36.4	22.2	3.9	1.9	3.0	8.2	2.6
1971-72	20,256	23.6	36.4	18.8	3.2	1.9	4.1	9.7	2.3
1972-73	17,996	25.4	34.5	18.3	3.0	1.3	4.0	11.1	2.5

Chi square = 999.2 df = 21 p<.001

TABLE 3.02. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN ARTS AND HUMANITIES OTHER THAN LANGUAGE COURSES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	7,022	23.1	31.5	17.0	2.7	3.7	7.8	12.0	2.2
1970-71	7,774	24.0	31.2	15.3	2.4	3.6	7.8	13.7	2.1
1971-72	8,580	25.6	31.9	14.1	1.8	3.0	8.8	13.6	1.3
1972-73	8,516	29.7	29.3	12.0	1.8	2.3	8.8	14.4	1.6

Chi square = 265.6 df = 21 p<.001

TABLE 3.03. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN ARTS AND HUMANITIES - LANGUAGES ONLY.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	5,968	17.7	23.9	19.5	6.7	9.3	1.5	13.6	7.8
1970-71	5,915	18.4	24.8	16.0	6.4	10.8	2.0	14.3	7.3
1971-72	6,609	22.3	26.0	14.1	4.5	10.8	2.5	16.5	3.4
1972-73	6,540	27.1	27.7	14.4	4.1	1.3	4.2	18.5	2.7

Chi squares = 1216.7 df = 21 p<.001

TABLE 3.04. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN ARTS AND HUMANITIES - LANGUAGES ONLY.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	3,578	35.0	30.3	12.5	2.7	1.2	3.5	12.6	2.2
1970-71	3,496	33.8	33.1	12.0	2.4	1.0	3.2	12.3	2.0
1971-72	3,109	36.7	30.1	9.4	1.5	1.4	4.3	15.6	1.1
1972-73	2,711	38.2	26.9	9.6	1.5	1.2	5.2	15.9	1.4

Chi square = 127.4 df = 21 p<.001

TABLE 3.05. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN MATHEMATICS AND PHYSICAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	8,712	18.7	25.2	29.7	8.4	1.6	2.4	9.9	4.1
1970-71	[illegible],458	20.1	26.1	28.0	7.4	1.8	2.2	10.0	4.4
1971-72	10,175	20.1	25.4	25.7	7.6	1.7	3.1	11.8	4.7
1972-73	11,034	19.2	25.3	24.5	6.9	1.2	3.1	15.6	4.2

Chi square = 308.8 df = 21 $p<.001$

TABLE 3.06. PER CENT GRADE DISTRIBUTION AND CHI SQUARES FOR UPPER DIVISION COURSES IN MATHEMATICS AND PHYSICAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	2,713	23.7	27.8	24.4	4.8	1.4	4.0	10.1	3.8
1970-71	2,775	24.5	28.6	21.8	5.2	0.9	3.3	11.9	3.8
1971-72	2,663	24.2	27.9	21.4	5.0	1.4	4.4	13.9	1.8
1972-73	2,999	25.3	27.3	19.3	3.1	0.3	5.6	17.6	1.4

Chi square = 196.9 df = 21 $p<.001$

TABLE 3.07. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN SOCIAL AND BEHAVIORAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	15,813	15.0	29.4	30.9	8.4	1.5	3.4	7.3	4.1
1970-71	15,666	14.6	28.0	30.8	9.2	2.0	3.3	8.0	4.0
1971-72	15,166	16.4	28.1	29.2	8.5	1.8	3.2	9.0	3.8
1972-73	14,356	17.6	29.6	27.0	7.2	1.2	3.1	10.8	3.5

Chi square = 311.1 df = 21 $p<.001$

TABLE 3.08. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN SOCIAL AND BEHAVIORAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	8,853	22.1	29.3	23.7	4.2	4.2	4.8	9.4	2.3
1970-71	9,819	18.5	27.6	25.3	5.1	3.3	4.9	12.3	3.0
1971-72	9,476	20.3	28.9	22.9	5.0	2.7	5.1	12.8	2.2
1972-73	9,635	21.7	28.7	20.6	3.7	2.5	6.7	14.6	1.6

Chi square = 354.7 df = 21 $p<.001$

TABLE 3.09. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN BIOLOGICAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	3,424	17.6	23.9	29.4	11.9	1.2	2.8	9.2	4.0
1970-71	3,809	14.6	29.4	31.0	11.4	1.2	2.0	7.4	2.9
1971-72	4,043	21.2	31.7	24.9	8.7	1.3	1.8	7.9	2.4
1972-73	4,063	18.5	31.7	26.2	8.3	1.2	2.0	9.4	2.7

Chi square = 209.4 df = 21 $p < .001$

TABLE 3.10. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN BIOLOGICAL SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	1,929	31.1	37.4	16.4	2.0	1.3	3.8	6.6	1.3
1970-71	2,262	44.0	25.8	11.9	2.8	1.3	5.9	7.1	1.2
1971-72	2,945	35.4	26.7	16.7	4.1	0.8	4.8	9.4	2.1
1972-73	3,084	27.8	27.3	19.9	4.6	1.0	5.4	11.8	2.2

Chi square = 322.0 df = 21 $p < .001$

TABLE 3.11. PER CENT GRADE DISTRIBUTION AND CHI SQUARES FOR LOWER DIVISION COURSES IN OTHER COURSES OF THE COLLEGE OF ARTS AND SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	3,461	23.7	28.3	22.9	2.8	7.1	2.1	11.0	2.2
1970-71	4,081	21.8	25.7	20.6	3.7	9.1	3.5	11.5	4.1
1971-72	4,564	21.7	25.4	20.6	4.3	9.5	3.7	11.8	3.0
1972-73	4,901	22.4	23.8	15.2	3.2	16.0	4.3	11.6	3.6

Chi square = 346.2 df = 21 p<.001

TABLE 3.12. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN OTHER COURSES OF THE COLLEGE OF ARTS AND SCIENCES.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	2,063	22.2	37.7	20.8	1.9	4.8	3.7	7.5	1.4
1970-71	2,595	28.0	30.6	17.0	2.4	9.2	4.0	7.8	0.9
1971-72	3,066	2[illegible].5	31.1	17.7	2.1	11.4	5.0	6.5	1.7
1972-73	3,042	29.6	30.9	15.2	2.1	8.7	4.8	7.6	1.1

Chi square = 161.0 df = 21 p<.001

TABLE 3.13. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES IN THE PROFESSIONAL SCHOOLS OF THE BLOOMINGTON CAMPUS.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	20,227	26.2	31.7	21.1	4.0	3.8	3.9	6.5	2.9
1970-71	20,045	27.5	30.2	16.8	3.1	7.6	4.4	7.2	3.1
1971-72	17,921	36.1	25.4	13.2	2.6	5.9	4.1	10.6	2.2
1972-73	17,635	36.7	24.8	11.5	2.3	5.0	4.9	12.3	2.3

Chi square = 2363.3 df = 21 $p<.001$

TABLE 3.14. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES IN THE PROFESSIONAL SCHOOLS OF THE BLOOMINGTON CAMPUS.

FIRST SEMESTER	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTION							
		A	B	C	D	P	I	W	F/WF
1969-70	13,883	27.4	29.5	18.2	3.5	10.4	2.8	6.6	1.6
1970-71	13,046	30.6	28.5	17.0	2.9	11.5	3.1	5.2	1.2
1971-72	13,660	31.4	28.4	15.4	2.9	10.9	3.5	6.4	1.2
1972-73	13,672	31.3	29.7	15.1	2.2	8.8	5.5	6.4	1.1

Chi square = 410.6 df = 21 $p<.001$

Without exception, statistically significant differences among grade distributions for the four years were found for all 14 course level-by-academic subset categories. While statistically significant, the educational significance may or may not be important since the 14 contingency tables were all based on a large total number of grades. Even though the total number of grades were always large, there were instances in which an individual cell frequency was only a few grades larger than the minimum (5 grades) which we required to compute a chi square.

In an effort to summarize the findings and categorize the changes which were the largest and therefore probably among the more important, the largest changes between 1969-70 and 1972-73 associated with each grade are outlined below:

DECREASED MORE THAN 5%	INCREASED MORE THAN 5%
GRADE OF A	
(NONE)	1. Professional Schools Lower Division (+10.5) 2. Arts and Humanities Languages Lower Division (+9.4) 3. Arts and Humanities Excluding Languages Lower Division (+7.8) 4. Other COAS Courses Upper Division (+7.4) 5. Arts and Humanities Excluding Languages Upper Division (+6.6)

DECREASED MORE THAN 5%	INCREASED MORE THAN 5%
GRADE OF B	
1. Biological Sciences Upper Division (-10.1)	1. Biological Sciences Lower Division (+7.8)
2. Professional Schools Lower Division (-6.9)	
3. Other COAS Courses Upper Division (-6.8)	
GRADE OF C	
1. Professional Schools Lower Division (-9.6)	(NONE)
2. Other COAS Courses Lower Division (-7.7)	
3. Arts & Humanities Excluding Languages Lower Division (-7.3)	
4. Other COAS Courses Upper Division (-5.6)	
5. Mathematics & Physical Sciences Lower Division (-5.2)	
6. Arts & Humanities Languages Lower Division (-5.1)	
7. Mathematics & Physical Sciences Upper Division (-5.1)	
8. Arts & Humanities Excluding Languages Upper Division (-5.0)	
GRADE OF D	
(NONE)	(NONE)

DECREASED MORE THAN 5%	INCREASED MORE THAN 5%
GRADE OF P	
1. Arts & Humanities Languages Lower Division (-8.0)	1. Other COAS Courses Lower Division (+8.9)
GRADE OF I	
(NONE)	(NONE)
GRADE OF W	
(NONE)	1. Mathematics & Physical Sciences Upper Division (+7.5) 2. Professional Schools Lower Division (+5.8) 3. Mathematics & Physical Sciences Lower Division (+5.7) 4. Social & Behavioral Sciences Upper Division (+5.2) 5. Biological Sciences Upper Division (+5.2) 6. Arts & Humanities Languages Lower Division (+4.9)
GRADE OF F OR WF	
1. Arts & Humanities Languages Lower Division (-5.1)	(NONE)

There was a general tendency for the per cent of A's, I's, and W's to increase and the per cent of C's and D's to decrease.

The results of the analyses for objective two are reported in Tables 3.15-3.22. The information displayed in these tables include per cent grade distributions, arts and sciences subset-by-grade contingency tables, and chi square analyses. There is a table for each course level-by-year crossbreak of the data.

TABLE 3.15. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES (100 AND 200 LEVEL) DURING THE FIRST SEMESTER, 1969-70, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	19,342	17.6	35.6	25.6	4.6	2.8	2.9	8.3	2.6
Arts & Humanities, Languages Only	5,968	17.7	23.9	19.5	6.7	9.3	1.5	13.6	7.8
Mathematics and Physical Sciences	8,712	18.7	25.2	29.7	8.4	1.6	2.4	9.9	4.1
Social and Behavioral Sciences	15,813	15.0	29.4	30.9	8.4	1.5	3.4	7.3	4.1
Biological Sciences	3,424	17.6	23.9	29.4	11.9	1.2	2.8	9.2	4.0
Total	53,259	17.0	30.0	27.4	7.1	2.8	2.8	8.9	4.0

Chi square = 2688.6 df = 28 $p<.001$

TABLE 3.16. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES (100 AND 200 LEVEL) DURING THE FIRST SEMESTER, 1970-71, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	20,266	21.8	36.4	22.2	3.9	1.9	3.0	8.2	2.6
Arts & Humanities, Languages Only	5,915	18.4	24.8	16.0	6.4	10.8	2.0	14.3	7.3
Mathematics and Physical Sciences	9,458	20.1	26.1	28.0	7.4	1.8	2.2	10.0	4.4
Social and Behavioral Sciences	15,666	14.6	28.0	30.8	9.2	2.0	3.3	8.0	4.0
Biological Sciences	3,809	14.6	29.4	31.0	11.4	1.2	2.0	7.4	2.9
Total	55,114	18.6	30.5	25.6	6.8	2.8	2.8	9.0	3.8

Chi square = 3797.5 df = 28 $p<.001$

TABLE 3.17. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES (100 AND 200 LEVEL) DURING THE FIRST SEMESTER, 1971-72, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	20,256	23.6	36.4	18.8	3.2	1.9	4.1	9.7	2.3
Arts & Humanities, Languages Only	6,609	22.3	26.0	14.1	4.5	10.8	2.5	16.5	3.4
Mathematics and Physical Sciences	10,175	20.1	25.4	25.7	7.6	1.7	3.1	11.8	4.7
Social and Behavioral Sciences	15,166	16.4	28.1	29.2	8.5	1.8	3.2	9.0	3.8
Biological Sciences	4,043	21.2	31.7	24.9	8.7	1.3	1.8	7.9	2.4
Total	56,249	20.7	30.6	22.7	6.0	2.8	3.3	10.6	3.3

Chi square = 4061.0 df = 28 p<.001

TABLE 3.18. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR LOWER DIVISION COURSES (100 AND 200 LEVEL) DURING THE FIRST SEMESTER, 1972-73, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	17,996	25.4	34.5	18.3	3.0	1.3	4.0	11.1	2.3
Arts & Humanities, Languages Only	6,540	27.1	27.7	14.4	4.1	1.3	4.2	18.5	2.7
Mathematics and Physical Sciences	11,034	19.2	25.3	24.5	6.9	1.2	3.1	15.6	4.2
Social and Behavioral Sciences	14,356	17.6	29.6	27.0	7.2	1.2	3.1	10.8	3.5
Biological Sciences	4,063	18.5	31.7	26.2	8.3	1.2	2.0	9.4	2.7
Total	53,989	21.3	30.3	22.0	5.5	1.2	3.4	12.7	3.1

Chi square = 1983.9 df = 28 p<.001

TABLE 3.19. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES (300 AND 400 LEVEL) DURING THE FIRST SEMESTER, 1969-70, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	7,022	23.1	31.5	17.0	2.7	3.7	7.8	12.0	2.2
Arts & Humanities, Languages Only	3,578	35.0	30.3	12.5	2.7	1.2	3.5	12.6	2.2
Mathematics and Physical Sciences	2,713	23.7	27.8	24.4	4.8	1.4	4.0	10.1	3.8
Social and Behavioral Sciences	8,853	22.1	29.3	23.7	4.2	4.2	4.8	9.4	2.3
Biological Sciences	1,929	31.1	37.4	16.4	2.0	1.3	3.8	6.6	1.3
Total	24,095	25.2	30.6	19.6	3.4	3.1	5.3	10.5	2.3

Chi square = 906.6 df = 28 p<.001

TABLE 3.20. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES (300 AND 400 LEVEL) DURING THE FIRST SEMESTER, 1970-71, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	7,[illegible]74	24.0	31.2	15.3	2.4	3.6	7.8	13.7	2.1
Arts & Humanities, Languages Only	3,496	33.8	33.1	12.0	2.4	1.0	3.2	12.3	2.0
Mathematics and Physical Sciences	2,775	24.5	28.6	21.8	5.2	0.9	3.3	11.9	3.8
Social and Behavioral Sciences	9,819	18.5	27.6	25.3	5.1	3.3	4.9	12.3	3.0
Biological Sciences	2,262	44.0	25.8	11.9	2.8	1.3	5.9	7.1	1.2
Total	26,126	25.1	29.3	19.0	3.7	2.7	5.5	12.2	2.5

Chi square = 1566.7 df = 28 $p < .001$

TABLE 3.21. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES (300 AND 400 LEVEL) DURING THE FIRST SEMESTER, 1971-72, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	8,586	25.6	31.9	14.1	1.8	3.0	8.8	13.6	1.3
Arts & Humanities, Languages Only	3,109	36.7	30.1	9.4	1.5	1.4	4.3	15.6	1.1
Mathematics and Physical Sciences	2,663	24.2	27.9	21.4	5.0	1.4	4.4	13.9	1.8
Social and Behavioral Sciences	9,476	20.3	28.9	22.9	5.0	2.7	5.1	12.8	2.2
Biological Sciences	2,945	35.4	26.7	16.7	4.1	0.8	4.8	9.4	2.1
Total	26,779	25.9	29.6	17.7	3.5	2.3	6.1	13.1	1.7

Chi square = 1233.9 df = 28 p<.001

TABLE 3.22. PER CENT GRADE DISTRIBUTIONS AND CHI SQUARES FOR UPPER DIVISION COURSES (300 AND 400 LEVEL) DURING THE FIRST SEMESTER, 1972-73, BY ACADEMIC SUBSET.

ACADEMIC SUBSETS	NUMBER OF GRADES	PER CENT GRADE DISTRIBUTIONS							
		A	B	C	D	P	I	W	F/WF
Arts & Humanities, Excluding Languages	8,516	29.7	29.3	12.0	1.8	2.3	8.8	14.4	1.6
Arts & Humanities, Languages Only	2,711	38.2	26.9	9.6	1.5	1.2	5.2	15.9	1.4
Mathematics and Physical Sciences	2,999	25.3	27.3	19.3	3.1	0.3	5.6	17.6	1.4
Social and Behavioral Sciences	9,635	21.7	28.7	20.6	3.7	2.5	6.7	14.6	1.6
Biological Sciences	3,084	27.8	27.3	19.9	4.6	1.0	5.4	11.8	2.2
Total	26,945	27.0	28.4	16.6	2.9	1.9	6.9	14.7	1.6

Chi square = 885.9 df = 28 $p<.001$

There were statistically significant differences among the grade distributions of the arts and sciences subsets for all course level-by-year crossbreaks. These differences were difficult to pinpoint and, to our knowledge, there is really no clear method to assist the typical reader. One attempt is to reflect the differences as outlined for each grade.

In the following outline the arts and sciences subsets are ranked from high to low within course level and year breakdowns for each grade. Further, the range of the per cents is provided to show the differences between the extremes in per cents for the five subsets. Per cents which have a range of 5 or greater are probably stable and may be important.

GRADE OF A

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	Math/Phy.Sci.(18.7)	A&H,Ex.Lang.(21.8)	A&H,Ex.Lang.(23.6)	A&H,Lang.(27.1)
2.	A&H,Lang.(17.7)	Math/Phy.Sci.(20.1)	A&H,Lang.(22.3)	A&H,Ex.Lang.(25.4)
3.5.	A&H,Ex.Lang.(17.6)	A&H,Lang.(18.4)	Bio.Sci.(21.2)	Math/Phy.Sci.(19.2)
3.5.	Bio.Sci.(17.6)	4.5. Bio.Sci.(14.6)	Math/Phy.Sci.(20.1)	Bio.Sci.(18.5)
5.	Soc./Beh.Sci.(15.0)	4.5. Soc./Beh.Sci.(14.6)	Soc./Beh.Sci.(16.4)	Soc./Beh.Sci.(17.6)
RANGE	3.8	7.3	7.3	9.6

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Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(35.0)	Bio.Sci.(44.0)	A&H,Lang.(36.7)	A&H,Lang.(38.2)
2.	Bio.Sci.(31.1)	A&H,Lang.(33.8)	Bio.Sci.(35.4)	A&H,Ex.Lang.(29.7)
3.	Math/Phy.Sci.(23.7)	Math/Phy.Sci.(24.5)	A&H,Ex.Lang.(25.6)	Bio.Sci.(27.8)
4.	A&H,Ex.Lang.(23.1)	A&H,Ex.Lang.(24.0)	Math/Phy.Sci.(24.2)	Math/Phy.Sci.(25.3)
5.	Soc./Beh.Sci.(22.1)	Soc./Beh.Sci.(18.5)	Soc./Beh.Sci.(20.3)	Soc./Beh.Sci.(21.7)
RANGE	13.0	25.6	16.5	16.6

GRADE OF B

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Ex.Lang.(35.6)	A&H,Ex.Lang.(36.4)	A&H,Ex.Lang.(36.4)	A&H,Ex.Lang.(34.5)
2.	Soc./Beh.Sci.(29.4)	Bio.Sci.(29.4)	Bio.Sci.(31.7)	Bio.Sci.(31.7)
3.	Math/Phy.Sci.(25.2)	Soc./Beh.Sci.(28.0)	Soc./Beh.Sci.(28.1)	Soc./Beh.Sci.(29.6)
4.5.	Bio.Sci.(23.9)	Math/Phy.Sci.(26.1)	A&H,Lang.(26.0)	A&H,Lang.(27.7)
4.5.	A&H,Lang.(23.9)	A&H,Lang.(24.8)	Math/Phy.Sci.(25.4)	Math/Phy.Sci.(25.3)
RANGE	11.8	11.7	11.1	9.3

Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(35.0)	A&H,Lang.(33.1)	A&H,Ex.Lang.(31.9)	A&H,Ex.Lang.(29.3)
2.	Bio.Sci.(31.1)	A&H,Ex.Lang.(31.2)	A&H,Lang.(30.1)	Soc./Beh.Sci.(28.7)
3.	Math/Phy.Sci.(23.7)	Math/Phy.Sci.(28.6)	Soc./Beh.Sci.(28.9)	3.5. Math/Phy.Sci.(27.3)
4.	A&H,Ex.Lang.(23.1)	Soc./Beh.Sci.(27.6)	Math/Phy.Sci.(27.9)	3.5. Bio.Sci.(27.3)
5.	Soc./Beh.Sci.(22.1)	Bio.Sci.(25.8)	Bio.Sci.(26.7)	A&H,Lang.(26.9)
RANGE	13.0	7.4	5.3	2.5

GRADE OF C

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	Soc./Beh.Sci.(30.9)	Bio.Sci.(31.0)	Soc./Beh.Sci.(29.2)	Soc./Beh.Sci.(27.0)
2.	Math/Phy.Sci.(29.7)	Soc./Beh.Sci.(30.8)	Math/Phy.Sci.(25.7)	Bio.Sci.(26.2)
3.	Bio.Sci.(29.4)	Math/Phy.Sci.(28.0)	Bio.Sci.(24.9)	Math/Phy.Sci.(24.5)
4.	A&H,Ex.Lang.(25.6)	A&H,Ex.Lang.(22.2)	A&H,Ex.Lang.(18.8)	A&H,Ex.Lang.(18.3)
5.	A&H,Lang.(19.5)	A&H,Lang.(16.0)	A&H,Lang.(14.1)	A&H,Lang.(14.4)
RANGE	11.5	15.1	15.2	12.7

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Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	Math/Phy.Sci.(24.4)	Soc./Beh.Sci.(25.3)	Soc./Beh.Sci.(22.9	Soc./Beh.Sci.(20.6)
2.	Soc./Beh.Sci.(23.7)	Math/Phy.Sci.(21.8)	Math/Phy.Sci.(21.4)	Bio.Sci.(19.9)
3.	A&H,Ex.Lang.(17.0)	A&H,Ex.Lang.(15.3)	Bio.Sci.(16.7)	Math/Phy.Sci.(19.3)
4.	Bio.Sci.(16.4)	A&H,Lang.(12.0)	A&H,Ex.Lang.(14.1)	A&H,Ex.Lang.(12.0)
5.	A&H,Lang.(12.5)	Bio.Sci.(11.9)	A&H,Lang.(9.4)	A&H,Lang.(9.6)
RANGE	12.0	13.5	13.6	11.1

GRADE OF D

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	Bio.Sci.(11.9)	Bio.Sci.(11.4)	Bio.Sci.(8.7)	Bio.Sci.(8.3)
2.5.	Math/Phy.Sci.(8.4)	Soc./Beh.Sci.(9.2)	Soc./Beh.Sci.(8.5)	Soc./Beh.Sci.(7.2)
2.5.	Soc./Beh.Sci.(8.4)	Math/Phy.Sci.(7.4)	Math/Phy.Sci.(7.6)	Math/Phy.Sci.(6.9)
4.	A&H,Lang.(6.7)	A&H,Lang.(6.4)	A&H,Lang.(4.5)	A&H,Lang.(4.1)
5.	A&H,Ex.Lang.(4.6)	A&H,Ex.Lang.(3.9)	A&H,Ex.Lang.(3.2)	A&H,Ex.Lang.(3.0)
RANGE	7.4	7.6	5.6	5.4

Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	Math/Phy.Sci.(4.8)	Math/Phy.Sci.(5.2)	1.5. Math/Phy.Sci.(5.0)	Bio.Sci.(4.6)
2.	Soc./Beh.Sci.(4.2)	Soc./Beh.Sci.(5.1)	1.5. Soc./Beh.Sci.(5.0)	Soc./Beh.Sci.(3.7)
3.5.	A&H,Ex.Lang.(2.7)	Bio.Sci.(2.8)	Bio.Sci.(4.1)	Math/Phy.Sci.(3.1)
3.5.	A&H,Lang.(2.7)	4.5. A&H,Ex.Lang.(2.4)	A&H,Ex.Lang.(1.8)	A&H,Ex.Lang.(1.8)
5.	Bio.Sci.(2.0)	4.5. A&H,Lang.(2.4)	A&H,Lang.(1.5)	A&H,Lang.(1.5)
RANGE	2.9	2.9	3.6	3.2

GRADE OF P

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(9.3)	A&H,Lang.(10.8)	A&H,Lang.(10.8)	A&H,Ex.Lang.(1.3)
2.	A&H,Ex.Lang.(2.8)	Soc./Beh.Sci.(2.0)	A&H,Ex.Lang.(1.9)	A&H,Lang.(1.3)
3.	Math/Phy.Sci.(1.6)	A&H,Ex.Lang.(1.9)	Soc./Beh.Sci.(1.8)	Math/Phy.Sci.(1.2)
4.	Soc./Beh.Sci.(1.5)	Math/Phy.Sci.(1.8)	Math/Phy.Sci.(1.7)	Soc./Beh.Sci.(1.2)
5.	Bio.Sci.(1.2)	Bio.Sci.(1.2)	Bio.Sci.(1.3)	Bio.Sci.(1.2)
RANGE	8.2	9.7	9.6	.2

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Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	Soc./Beh.Sci.(4.2)	A&H,Ex.Lang.(3.6)	A&H,Ex.Lang.(3.0)	Soc./Beh.Sci.(2.5)
2.	A&H,Ex.Lang.(3.7)	Soc./Beh.Sci.(3.3)	Soc./Beh.Sci.(2.7)	A&H,Ex.Lang.(2.3)
3.	Math/Phy.Sci.(1.4)	Bio.Sci.(1.3)	3.5. Math/Phy.Sci.(1.4)	A&H,Lang.(1.2)
4.	Bio.Sci.(1.3)	A&H,Lang.(1.0)	3.5. A&H,Lang.(1.4)	Bio.Sci.(1.0)
5.	A&H,Lang.(1.2)	Math/Phy.Sci.(0.9)	Bio.Sci.(0.8)	Math/Phy.Sci.(0.3)
RANGE	3.1	2.8	2.3	2.3

GRADE OF I

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	Soc./Beh.Sci.(3.4)	Soc./Beh.Sci.(3.3)	A&H,Ex.Lang.(4.1)	A&H,Lang.(4.2)
2.	A&H,Ex.Lang.(2.9)	A&H,Ex.Lang.(3.0)	Soc./Beh.Sci.(3.2)	A&H,Ex.Lang.(4.0)
3.	Bio.Sci.(2.8)	Math/Phy.Sci.(2.2)	Math/Phy.Sci.(3.1)	Math/Phy.Sci.(3.1)
4.	Math/Phy.Sci.(2.4)	Bio.Sci.(2.0)	A&H,Lang.(2.5)	Soc./Beh.Sci.(3.1)
5.	A&H,Lang.(1.5)	A&H,Lang.(2.0)	Bio.Sci.(1.8)	Bio.Sci.(2.0)
RANGE	2.0	1.4	2.4	2.3

Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Ex.Lang.(7.8)	A&H,Ex.Lang.(7.8)	A&H,Ex.Lang.(8.8)	A&H,Ex.Lang.(8.8)
2.	Soc./Beh.Sci.(4.8)	Bio.Sci.(5.9)	Soc./Beh.Sci.(5.1)	Soc./Beh.Sci.(6.7)
3.	Math/Phy.Sci.(4.0)	Soc./Beh.Sci.(4.9)	Bio.Sci. (4.8)	Math/Phy.Sci.(5.6)
4.	Bio.Sci.(3.8)	Math/Phy.Sci.(3.3)	Math/Phy.Sci.(4.4)	Bio.Sci.(5.4)
5.	A&H,Lang.(3.5)	A&H,Lang.(3.2)	A&H,Lang.(4.3)	A&H,Lang.(5.2)
RANGE	4.4	4.7	4.6	3.7

GRADE OF W

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(13.6)	A&H,Lang.(14.3)	A&H,Lang.(16.5)	A&H,Lang.(18.5)
2.	Math/Phy.Sci.(9.9)	Math/Phy.Sci.(10.0)	Math/Phy.Sci.(11.8)	Math/Phy.Sci.(15.6)
3.	Bio.Sci.(9.2)	A&H,Ex.Lang.(8.2)	A&H,Ex.Lang.(9.7)	A&H,Ex.Lang.(11.1)
4.	A&H,Ex.Lang.(8.3)	Soc./Beh.Sci.(8.0)	Soc./Beh.Sci.(9.0)	Soc./Beh.Sci.(10.8)
5.	Soc./Beh.Sci.(7.3)	Bio.Sci.(7.4)	Bio.Sci.(7.9)	Bio.Sci.(9.4)
RANGE	6.4	7.0	8.7	9.2

Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(12.6)	A&H,Ex.Lang.(13.7)	A&H,Lang.(15.6)	Math/Phy.Sci.(17.6)
2.	A&H,Ex.Lang.(12.0)	2.5. A&H,Lang.(12.3)	Math/Phy.Sci.(13.9)	A&H,Lang.(15.9)
3.	Math/Phy.Sci.(10.1)	2.5. Soc./Beh.Sci.(12.3)	A&H,Ex.Lang.(13.6)	Soc./Beh.Sci.(14.6)
4.	Soc./Beh.Sci.(9.4)	Math/Phy.Sci.(11.9)	Soc./Beh.Sci.(12.8)	A&H,Ex.Lang.(14.4)
5.	Bio.Sci.(6.6)	Bio.Sci.(7.1)	Bio.Sci.(9.4)	Bio.Sci.(11.8)
RANGE	6.1	6.7	6.3	5.9

GRADE OF F OR WF

Lower Division

	1969-70	1970-71	1971-72	1972-73
1.	A&H,Lang.(7.8)	A&H,Lang.(7.3)	Math/Phy.Sci.(4.7)	Math/Phy.Sci.(4.2)
2.5.	Math/Phy.Sci.(4.1)	Math/Phy.Sci.(4.4)	Soc./Beh.Sci.(3.8)	Soc./Beh.Sci.(3.5)
2.5.	Soc./Beh.Sci.(4.1)	Soc./Beh.Sci.(4.0)	A&H,Lang.(3.4)	Bio.Sci.(2.7)
4.	Bio.Sci.(4.0)	Bio.Sci.(2.9)	Bio.Sci.(2.4)	A&H,Lang.(2.7)
5.	A&H,Ex.Lang.(2.6)	A&H,Ex.Lang.(2.6)	A&H,Ex.Lang.(2.3)	A&H,Ex.Lang.(2.5)
RANGE	5.3	4.8	2.5	1.8

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Upper Division

	1969-70	1970-71	1971-72	1972-73
1.	Math/Phy.Sci.(3.8)	Math/Phy.Sci.(3.8)	Soc./Beh.Sci.(2.2)	Bio.Sci.(2.2)
2.	Soc./Beh.Sci.(2.3)	Soc./Beh.Sci.(3.0)	Bio.Sci.(2.1)	Soc./Beh.Sci.(1.6)
3.5.	A&H,Lang.(2.2)	A&H,Ex.Lang.(2.1)	Math/Phy.Sci.(1.8)	A&H,Ex.Lang.(1.6)
3.5.	A&H,Ex.Lang.(2.2)	A&H,Lang.(2.0)	A&H,Ex.Lang.(1.3)	A&H,Lang.(1.4)
5.	Bio.Sci.(1.3)	Bio.Sci.(1.2)	A&H,Lang.(1.1)	Math/Phy.Sci.(1.4)
RANGE	2.6	2.7	1.2	0.9

Grade of A. Sizable differences in per cent of A's existed among the arts and sciences subsets. In the most recent year (1972-73), the per cent of A's was approximately 9 per cent greater in the arts and humanities language, lower division courses than in the social and behavioral sciences courses. The difference was even greater among upper division courses.

Grade of B. In the most recent year, the per cent of B's was approximately 9 per cent greater in arts and humanities (excluding languages) lower division courses than in mathematics and physical sciences courses. The differences among upper division courses became much smaller during the four year period.

Grade of C. For 1972-73, there was an approximate 11-12 per cent greater number of C's in social and behavioral sciences courses than in arts and humanities language courses. This was true for both the lower and upper division courses. It also tended to persist during the four year period.

Grade of D. The per cent of D's was about 5 per cent greater in biological sciences, lower division courses than in arts and humanities (excluding languages) courses during 1972-73. The differences in per cent of D's among upper division subsets were less than 5 per cent during all four years of the study.

Grade of P. The per cent of P's was quite similar among the arts and sciences subsets in 1972-73. Prior to 1972-73, the per cent of P's in lower division arts and humanities language courses was much greater than in other courses. No doubt, the relaxation of the language requirement

in the College of Arts and Sciences had a direct impact on the per cent of P's in 1972-73.

Grade of I. The per cent of I's was very similar among the academic subsets.

Grade of W. In 1972-73, the per cent of W's was approximately 9 per cent greater in arts and humanities language, lower division courses than in biological sciences courses. In upper division courses there were also differences which exceeded 5 per cent. The per cent of W's seemed to be greater in mathematics and physical sciences courses, and in arts and humanities language courses. One might conjecture that early objective feedback in these two arts and sciences subsets encouraged students to withdraw rather than receive an undesirable grade.

Grade of F. The per cent of F's or WF's was very similar among the academic subsets. This was true for both lower and upper division courses.

Discussion

Relative to objective one, the grade distributions seemed to be changing in several academic subsets. Most noticeable were the changes in professional schools courses, the arts and humanities courses, and to a lesser extent the other courses in the COAS, the mathematics and physical sciences courses, and the biological sciences courses. Therefore, it was found that changes in grade distributions were statistically significant in all academic areas but most easily recognized in the professional schools, and arts and humanities courses.

There were differences in grade distributions among arts and sciences subsets. Evidence was found to support the conjecture of differences in grades between the arts and humanities, and the "hard" sciences. This is especially true in the per cent of A's and C's.

Obviously, the undergraduate GPA is used for decision making within the university and no doubt outside the university as well. This GPA is a function of the grades received in courses. Now, the relative weight of individual courses in the calculation of the GPA is a function of the variation of grades in a course. From these studies it is fairly clear that larger enrollment, lower division courses have the greatest variation in their grade distributions. When students are rank ordered (e.g., selection into Phi Beta Kappa), these larger enrollment, lower division courses contribute more to the rank order than do other courses. For the course which awards "blanket A's," the rank order is <u>not</u> affected, only the GPA. The large grade distribution differences between courses and across time cause the undergraduate GPA to have a somewhat fluid meaning among students and makes it more difficult than one might suspect to judge the relative achievement among students.